#5 LTIP

APPLICATION FOR FINANCIAL ASSISTANCE
Revised 4/99

IMPORTANT: Please consult the "Instructions for Completing the Project Application" for assistance in completion of this form.

SUBDIVISION: Hamilton County **CODE#** 061- 00061

DISTRICT NUMBER: 2 **COUNTY:** Hamilton **DATE** 09 / 11 / 09

CONTACT: Tim Gilday **PHONE #** (513) 946 - 8914

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASISDURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

FAX (513) 946-8901 **E-MAIL** tim.gilday@hamilton-co.org

PROJECT NAME: LOVELAND MADEIRA ROAD REHABILITATION

SUBDIVISION TYPE
(Check only 1)
X 1. County
__2. City
__3. Township
__4. Village
__5. Water/Sanitary District
(Section 6119 O.R.C.)

FUNDING TYPE REQUESTED
(Check All Requested & Enter Amount)
X 1. Grant $~~3,504,039.00~~ 1,752,020 SDC
__2. Loan $_____
__3. Loan Assistance $_____

PROJECT TYPE
(Check Largest Component)
X 1. Road
__2. Bridge/Culvert
__3. Water Supply
__4. Wastewater
__5. Solid Waste
__6. Stormwater

TOTAL PROJECT COST: $~~3,937,122.00~~ 1,968,561 SDC

FUNDING REQUESTED: ~~$ 3,504,039.00~~ 1,752,020 SDC

DISTRICT RECOMMENDATION
To be completed by the District Committee ONLY

GRANT:$1,752,020 LOAN ASSISTANCE:$_____
SCIP LOAN: $_____ RATE:_____% TERM: _____yrs.
RLP LOAN: $_____ RATE:_____% TERM: _____yrs.

(Check only 1)
___State Capital Improvement Program
___Small Government Program
X Local Transportation Improvements Program

OFFICE OF NEW BURLINGTON COUNTY ENGINEER
2009 SEP 10 AM 8:38

FOR OPWC USE ONLY

PROJECT NUMBER: C_____/C_____
Local Participation _____%
OPWC Participation _____%
Project Release Date: ___/___/___
OPWC Approval: _____

APPROVED FUNDING: $_____
Loan Interest Rate: _____%
Loan Term: _____years
Maturity Date: _____
Date Approved: ___/___/___
SCIP Loan _____ RLP Loan

1.0 PROJECT FINANCIAL INFORMATION

1.1 PROJECT ESTIMATED COSTS: (Round to Nearest Dollar)		TOTAL DOLLARS	FORCE ACCOUNT DOLLARS
a.) Basic Engineering Services:		$_____.00	
Preliminary Design	$_____. 00		
Final Design	$_____. 00		
Bidding	$_____. 00		
Construction Phase	$_____. 00		
Additional Engineering Services *Identify services and costs below.		$_____.00	
b.) Acquisition Expenses: Land and/or Right-of-Way		$_____.00	
c.) Construction Costs:		$ ~~3,937,122.00~~ 1,968,561 FDC	
d.) Equipment Purchased Directly:		$_____.00	
e.) Permits, Advertising, Legal: (Or Interest Costs for Loan Assistance Applications Only)		$_____.00	
f.) Construction Contingencies:		$_____.00	
g.) TOTAL ESTIMATED COSTS:		$ ~~3,937,122.00~~ 1,968,561 FDC	

*List Additional Engineering Services here:

Service: Cost:

1.2 PROJECT FINANCIAL RESOURCES:
(Round to Nearest Dollar and Percent)

		DOLLARS	%
a.)	Local In-Kind Contributions	$ .00	
b.)	Local Revenues	$ ~~393,712.00~~ 196,856 JDC	10
c.)	Other Public Revenues	$ .00	
	ODOT	$ .00	
	Rural Development	$ .00	
	OEPA	$ .00	
	OWDA	$ .00	
	CDBG	$ .00	
	OTHER SYMMES TWP.	$ ~~39,371.00~~ 19,685 JD	1
	SUBTOTAL LOCAL RESOURCES:	$ ~~433,083.00~~ 216,541 JDC	11
d.)	OPWC Funds		
	1. Grant	$ ~~3,504,039.00~~ 1,752,020 JDC	89
	2. Loan	$ .00	
	3. Loan Assistance	$ .00	
	SUBTOTAL OPWC RESOURCES:	$ ~~3,504,039.00~~ 1,752,020 JDC	89
e.)	TOTAL FINANCIAL RESOURCES:	$ ~~3,937,122.00~~ 1,968,561 JDC	100%

1.3 AVAILABILITY OF LOCAL FUNDS:

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local share funds required for the project will be available on or before the earliest date listed in the Project Schedule section.

ODOT PID# _____ Sale Date:
STATUS: (Check one)
Traditional
Local Planning Agency (LPA)
State Infrastructure Bank

2.0 PROJECT INFORMATION

If project is multi-jurisdictional, information must be consolidated in this section.

2.1 PROJECT NAME: LOVELAND MADEIRA ROAD REHABILITATION

2.2 BRIEF PROJECT DESCRIPTION - (Sections A through C):

A: SPECIFIC LOCATION:

The project is located in Symmes Township. The construction limits are as follows:

From: Indian Hill corporation line **to:** Hopewell Road. *(See attached location map)*

PROJECT ZIP CODE: 45140

B: PROJECT COMPONENTS:

Remove the existing asphaltic concrete surface and rehabilitate the base with full and partial depth pavement repair. Smooth out the existing profile at the intersection with Remington Road (SR 126). Provide a right turn lane from southbound Loveland Madeira Road onto westbound Remington Road (towards City of Montgomery). Provide a left turn lane for northbound Loveland Madeira to westbound Remington Road (SR 126). Provide left turn lanes for northbound and southbound Loveland Madeira Road from Remington Road (SR 126). Resurface with 2 ½" of asphaltic concrete. Replace the existing failed culvert, located NE of 9718 Loveland Madeira Road (see attached location map). The culvert will remain the same size (36") in diameter. Construct concrete retaining wall, located approximately 200' north of the above-mentioned culvert.

C: PHYSICAL DIMENSIONS / CHARACTERISTICS:

Project length is 4,709 LF (0.892 miles) The existing roadway is 36 feet in width.

D: DESIGN SERVICE CAPACITY:

Detail current service capacity vs. proposed service level.

Road or Bridge: Current ADT: 63,278 Year: 2009 Projected ADT: Year:

Water/Wastewater: Based on monthly usage of 7,756 gallons per household, attach current rate ordinance. Current Residential Rate: $_____ Proposed Rate: $

Stormwater: Number of households served:

2.3 USEFUL LIFE / COST ESTIMATE: Project Useful Life: 20 Years.

Attach Registered Professional Engineer's statement, with original seal and signature confirming the project's useful life indicated above and estimated cost.

3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	1,968,561 JDC ~~$3,800,000.00~~
TOTAL PORTION OF PROJECT NEW/EXPANSION	68,561 ~~$137,122.00~~ JDC

4.0 PROJECT SCHEDULE: *

		BEGIN DATE	END DATE
4.1	**Engineering/Design:**	06 / 01 / 10	08 / 31 / 10
4.2	**Bid Advertisement and Award:**	11 / 30 / 10	12 / 31 / 10
4.3	**Construction:**	02 / 15 / 11	12 / 30 / 11
4.4	**Right-of-Way/Land Acquisition:**	N/A	N/A

* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by the CEO of record and approved by the commission once the Project Agreement has been executed. The project schedule should be planned around receiving a Project Agreement on or about July 1st.

5.0 APPLICANT INFORMATION:

5.1 CHIEF EXECUTIVE OFFICER

TITLE	Hamilton County Engineer
STREET	10480 Burlington Road
CITY/ZIP	Cincinnati, OH 45231
PHONE	(513) 946 - 8902
FAX	(513) 946 - 8901
E-MAIL	william.brayshaw@hamilton-co.org

5.2 CHIEF FINANCIAL OFFICER

TITLE	Hamilton County Auditor
STREET	138 East Court Street Room 304, CAB
CITY/ZIP	Cincinnati, OH 45202
PHONE	(513) 946 - 4045
FAX	(513) 946 - 4043
E-MAIL	auditor@fuse.net

5.3 PROJECT MANAGER

TITLE	Planning & Design Engineer
STREET	10480 Burlington Road
CITY/ZIP	Cincinnati, OH 45231
PHONE	(513) 946 - 8914
FAX	(513) 946 - 8901
E-MAIL	tim.gilday@hamilton-co.org

Changes in Project Officials must be submitted in writing from the CEO.

6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Confirm in the blocks [ ] below that each item listed is attached.

[X] A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.

[X] A certification signed by the applicant's chief financial officer stating all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.

[X] A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's original seal or stamp and signature.

[ ] A cooperation agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.

[ ] Projects which include new and expansion components and potentially affect productive farmland should include a statement evaluating the potential impact. If there is a potential impact, the Governor's Executive Order 98-VII and the OPWC Farmland Preservation Review Advisory apply.

[X] Capital Improvements Report: (Required by O.R.C. Chapter 164.06 on standard form)

[X] Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements, which may be required by your *local* District Public Works Integrating Committee.

7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement on this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.

William W. Brayshaw, P.E., P.S., Hamilton County Engineer
Certifying Representative (Type or Print Name and Title)

William W. Brayshaw 9-1-09
Signature/Date Signed

County of Hamilton

WILLIAM W. BRAYSHAW, P.E.-P.S. COUNTY ENGINEER

700 COUNTY ADMINISTRATION BUILDING

138 EAST COURT STREET

CINCINNATI, OHIO 45202-1232

PHONE (513) 946-4250 FAX (513) 946-4288

STATEMENT OF USEFUL LIFE

As required by Chapter 164-1-13 of the Ohio Administrative Code, I hereby certify that the LOVELAND MADEIRA ROAD REHABILITATION project will have a useful life of at least 30 years.

CONSTRUCTION COSTS:

The opinion of Project Construction Costs is based on current unit price experience and is subject to adjustment upon completion of detailed plans and receipt of an acceptable proposal by a qualified contractor.

William W. Brayshaw

WILLIAM W. BRAYSHAW, P.E., - P.S.
HAMILTON COUNTY ENGINEER

RESURFACING TALLY SHEET
LOVELAND MADERIA (INDIAN HILL CORP.-HOPEWELL)

	ITEM SPEC	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL QUANTITIES
1	201	CLEARING & GRUBBING, INC. TREE REMOVAL	LS	0.5	$ 5,000.00	$ 2,500.00
2	202	CURB REMOVED	F	189.5	$ 5.00	$ 947.50
3	202	PAVEMENT REMOVED	SY	46.0	$ 6.00	$ 276.00
4	202	PIPE REMOVED, 24" AND UNDER	F	505.0	$ 10.00	$ 5,050.00
5	202	GUARD RAIL REMOVED	F	180.0	$ 1.50	$ 270.00
6	202	CATCH BASIN REMOVED	EA	3.5	$ 265.00	$ 927.50
7	202	FENCE REMOVED	F	72.5	$ 2.00	$ 145.00
8	203	EXCAVATION	CY	1000.0	$ 10.00	$ 10,000.00
9	203	EMBANKMENT	CY	575.0	$ 10.00	$ 5,750.00
10	204	SUBGRADE COMPACTION	SY	2685.0	$ 1.00	$ 2,685.00
11	254	PAVEMENT PLANING	SY	38606.5	$ 2.00	$ 77,213.00
12	302	ASPHALT CONCRETE BASE, PG64-22	CY	600.0	$ 115.00	$ 69,000.00
13	304	AGGREGATE BASE	CY	121.0	$ 35.00	$ 4,235.00
14	448	ASPHALT CONCRETE TYPE 1, PG64-28	CY	1760.0	$ 150.00	$ 264,000.00
15	448	ASPHALT SURFACE TYPE 1, PG64-22	CY	250.0	$ 135.00	$ 33,750.00
16	448	ASPHALT SURFACE TYPE 1H	CY	1400.0	$ 160.00	$ 224,000.00
17	448	ASPHALT CONCRETE TYPE 1, PG64-22 DRIVES	CY	37.5	$ 150.00	$ 5,625.00
18	452	8" NON-REINFORCED CONC. PAV,T	SY	457.0	$ 45.00	$ 20,565.00
19	601	ROCK CHANNEL PROTECTION TYPE B W/FABRIC	CY	70.0	$ 60.00	$ 4,200.00
20	602	CONCRETE MASONRY	CY	0.5	$ 1,000.00	$ 500.00
21	603	6" CONDUIT	F	20.0	$ 15.00	$ 300.00
22	603	12" CONDUIT	F	640.5	$ 40.00	$ 25,620.00
23	603	15" CONDUIT	F	108.5	$ 45.00	$ 4,882.50
24	603	18" CONDUIT	F	58.5	$ 45.00	$ 2,632.50
25	603	24" CONDUIT	F	7.5	$ 60.00	$ 450.00
26	603	30" CONDUIT	F	170.5	$ 75.00	$ 12,787.50
27	603	36" CONDUIT	F	157.5	$ 90.00	$ 14,175.00
28	604	CATCH BASIN NO.3	EA	2.5	$ 2,200.00	$ 5,500.00
29	604	CATCH BASIN NO.3A	EA	2.5	$ 1,750.00	$ 4,375.00
30	604	CATCH BASIN NO.6	EA	0.5	$ 1,500.00	$ 750.00
31	604	CATCH BASIN NO.7	EA	1.0	$ 900.00	$ 900.00
32	604	CATCH BASIN NO.2-2B	EA	6.0	$ 1,000.00	$ 6,000.00
33	604	CATCH BASIN NO.2-4	EA	2.0	$ 1,800.00	$ 3,600.00
34	604	CB ADJ. TO GRADE	EA	3.0	$ 600.00	$ 1,800.00
35	604	MANHOLE NO.3	EA	2.0	$ 2,300.00	$ 4,600.00
36	604	MANHOLE NO.3 PER PLAN	EA	1.5	$ 2,800.00	$ 4,200.00
37	604	MANHOLE ADJ. TO GRADE	EA	4.0	$ 500.00	$ 2,000.00
38	604	SAN. MH ADJ. TO GRADE (RING)	EA	0.5	$ 200.00	$ 100.00
39	604	SAN. MH ADJ. TO GRADE (CONCRETE RING)	EA	1.5	$ 500.00	$ 750.00
40	604	PRECAST REINFORCED CONC. OUTLET	EA	2.0	$ 200.00	$ 400.00
41	604	TRENCH DRAIN- SPECIAL	F	37.5	$ 100.00	$ 3,750.00
42	604	SAN. MH ADJ. TO GRADE (B&M)	EA	0.5	$ 500.00	$ 250.00
43	604	WVC ADJ. TO GRADE (RING)	EA	0.5	$ 500.00	$ 250.00
44	604	WVC ADJ. TO GRADE (B&M)	EA	2.5	$ 500.00	$ 1,250.00
45	604	MONUMENT BOX ADJUSTED TO GRADE	EA	3.0	$ 500.00	$ 1,500.00
46	605	6" SHALLOW DRAINS	LF	631.5	$ 5.00	$ 3,157.50
47	606	GUARD RAIL TYPE 5	LF	472.5	$ 10.50	$ 4,961.25
48	606	RAISING EX. GUARD RAIL	LF	231.5	$ 8.00	$ 1,852.00
49	606	ANCHOR ASSEMBLY, TYPE E-98	EA	3.0	$ 1,500.00	$ 4,500.00
50	609	TYPE 2 CURB & GUTTER	LF	56.5	$ 18.00	$ 1,017.00
51	609	TYPE 6 CURB	LF	1768.5	$ 15.00	$ 26,527.50
52	614	MAINTAINING TRAFFIC	LS	0.5	$ 125,000.00	$ 62,500.00

53	623	CONSTRUCTION LAYOUT	LS	0.5	$	30,000.00	$ 15,000.00
54	609	ASPHALT CONCRETE CURB	F	3500.0	$	5.00	$ 17,500.00
55	1125	VALVE BOX RESET	EA	2.5	$	500.00	$ 1,250.00
56	659	SEEDING & MULCHING	SY	4050.0	$	1.25	$ 5,062.50
57	660	SODDING STAKED	SY	145.5	$	6.50	$ 945.75
58	690	MAIBOX REMOVE & RESET	EA	4.0	$	100.00	$ 400.00
59	836	SEEDING & EROSION CONTROLW/TURF MAT	SY	105.0	$	4.00	$ 420.00
60	SPL	TEMP. EROSION CONTROL	LS	0.5	$	15,000.00	$ 7,500.00
61	SPL	TRAFFIC SIGNAL	LS	0.5	$	100,000.00	$ 50,000.00
62	SPL	BERM EXCAVATION	F	2500.0	$	2.00	$ 5,000.00
63	SPL	BERM DETAIL W/301	CY	150.0	$	120.00	$ 18,000.00
64	SPL	PERFORMANCE BOND	LS	0.5	$	10,000.00	$ 5,000.00
65	SPL	REMOVE EX. RAISED PAVT MARK.	EA	400.0	$	5.00	$ 2,000.00
66	SPL	BUTT JOINT (ASPHALT)	F	100.0	$	15.00	$ 1,500.00
67	SPL	FULL DEPTH REPAIR (ASPH.)	SY	500.0	$	50.00	$ 25,000.00
68	SPL	RETAINING WALL	LS	0.5	$	500,000.00	$ 250,000.00
69	SPL	36 " CULVERT REPLACEMENT	LS	0.5	$	200,000.00	$ 100,000.00
70	SPL	GUARD RAIL REPLACEMENT	F	1900.0	$	30.00	$ 57,000.00
71	SPL	DRIVE MODIFICATION	CY	5.0	$	200.00	$ 1,000.00
72	SPL	PAVEMENT MARKINGS	LS	0.5	$	119,795.00	$ 59,897.50
73	SPL	CONCRETE CURB & GUTTER REPAIR	F	500.0	$	30.00	$ 15,000.00
74	SPL	DETECTOR LOOP	EA	3.0	$	1,500.00	$ 4,500.00
75	SPL	REPLACE CATCH BASIN GRATES	EA	10.0	$	125.00	$ 1,250.00
76	SPL	RECONSTRUCT EX. CB/INLET COMPLETE	EA	1.0	$	1,500.00	$ 1,500.00
77	SPL	REHABILITATE EX. CB/INLET COMPLETE	EA	1.0	$	2,000.00	$ 2,000.00
78	SPL	ADJUST EXISTING CATCH BASIN/INLET, COMPLETE	EA	0.5	$	1,000.00	$ 500.00
79	SPL	CONCRETE MEDIAN REPAIR	SY	350.0	$	100.00	$ 35,000.00
80	SPL	MONUMENT BOX INSTALLED	EA	0.5	$	1,000.00	$ 500.00
81	SPL	REMOVE EXISTING CATCH BASIN AND CONSTRUCT CB-3 CATCH BASIN, COMPLETE	EA	1.0	$	2,500.00	$ 2,500.00
82	SPL	BINDER ADJUSTMENT MAX. INCREASE PG(64-22)	XX			XXXXXXX	$ 10,000.00
83	SPL	BINDER ADJUSTMENT MAX. INCREASE PG(64-28)	XX			XXXXXXX	$ 15,000.00
84	SPL	BINDER ADJUSTMENT MAX. INCREASE PG(70-22)	XX			XXXXXXX	$ 20,000.00
		SUBTOTAL					**$ 1,669,202.50**
		CONTINGENCIES					**$ 299,358.50**
		TOTAL					**$ 1,968,561.00**

County of Hamilton

WILLIAM W. BRAYSHAW, P.E.-P.S. COUNTY ENGINEER

700 COUNTY ADMINISTRATION BUILDING

138 EAST COURT STREET

CINCINNATI, OHIO 45202-1232

PHONE (513) 946-4250 FAX (513) 946-4288

September 1, 2009

STATUS OF FUNDS REPORT

Project: **LOVELAND MADEIRA ROAD REHABILITATION**

196,856

This is to certify that the sum of ~~$393,712.00~~ is available as the local matching funds in connection with the application for State Capital Improvement Program Funds for the above-mentioned project.

The source of the local match will be Road and Bridge Funds. Local matching funds will be encumbered and certified upon completion of the Project Agreement with the Ohio Public Works Commission.

Chief Financial Officer: _____

DUSTY RHODES
HAMILTON COUNTY AUDITOR

EXHIBIT A

October 6, 2009

STATUS OF FUNDS REPORT

Project: Loveland Madeira Road Rehabilitation

This is to certify that the sum of Thirty Nine Thousand (~~$39,000.~~19,685.00) is available as local matching funds in connection with the application for State Capital Improvement Program Funds for the above-mentioned project.

The source of the local match will be the General Fund. Local matching funds will be encumbered and certified upon completion of the Project Agreement with the Ohio Public Works Commission.

Gerald J. Beckman

Gerald Beckman
Township Administrator
Symmes Township

A RESOLUTION AUTHORIZING THE COUNTY ENGINEER TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO PUBLIC WORKS COMMISSION (OPWC) STATE CAPITAL IMPROVEMENT AND/OR LOCAL TRANSPORTATION IMPROVEMENT PROGRAM(S) AND TO EXECUTE CONTRACTS AS REQUIRED.

BY THE BOARD:

WHEREAS, the State Capital Improvement Program and the Local Transportation Improvement Program both provide financial assistance to political subdivisions for capital improvements to public infrastructure; and

WHEREAS, the County of Hamilton, State of Ohio, is planning to make capital improvements to Blue Rock Road, Five Mile Road, Galbraith Road, Loveland Madeira Road, Westwood Northern Boulevard, Mt. Carmel Road, Rybolt Road, Wesselman Road, School Section Road, Boudinot Avenue and Remington Road; and

WHEREAS, the infrastructure improvement herein above described is considered to be a priority need for the community and is a qualified project under the OPWC programs.

NOW, THEREFORE BE IT RESOLVED by the Board of County Commissioners of Hamilton County, State of Ohio as follows:

SECTION I

The Hamilton County Engineer, William W. Brayshaw, P.E.-P.S., is hereby authorized to apply to the OPWC for funds as described above.

SECTION II

The Hamilton County Engineer, William W. Brayshaw, P.E.-P.S., is further authorized to enter into any agreements as may be necessary and appropriate for obtaining this financial assistance.

SECTION III

It is found and determined that all formal action of this Board of Hamilton County Commissioners concerning or related to the adoption of this resolution were adopted in an open meeting of this Board of Hamilton County Commissioners and all deliberations of this Board of Hamilton County Commissioners and any of its committees, if any, that resulted in such formal actions were adopted in meetings open to the public, in compliance with all applicable legal requirements of the Ohio Revised Code.

This resolution shall be in full force and effect from and immediately after its adoption.

BE IT RESOLVED that the Clerk of this Board be, and she is hereby authorized and directed to certify a copy of this Resolution to the County Engineer, County Auditor, County Recorder and Hamilton County Regional Planning Commission.

ADOPTED at a regular meeting of the Board of County Commissioners of Hamilton County, Ohio this 26th day of August, 2009.

Mr. Hartmann, YES Mr. Pepper, YES Mr. Portune, YES

CERTIFICATE OF CLERK

IT IS HEREBY CERTIFIED that the foregoing is a true and correct transcript of a Resolution adopted by this Board of County Commissioners of Hamilton County, Ohio, this 26th day of August, 2009.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Official Seal of the Office of the County Commissioners of Hamilton County, Ohio, this 26th day of August, 2009.

Jacqueline Panioto, County Clerk
Board of County Commissioners
Hamilton County, Ohio

SYMMES TOWNSHIP
HAMILTON COUNTY, OHIO

9323 UNION CEMETERY ROAD
SYMMES TOWNSHIP, OHIO 45140-9386

(513) 683-6644
(513) 683-6626 (Fax)
www.symmestownship.org

RESOLUTION G-0930

Resolution Authorizing Payment For the
Intersection Improvement of Loveland Madeira Road
and Remington Road (S.R. 126)

WHEREAS, the Hamilton County Engineer's Office is applying for an Ohio Public Works Commission (OPWC) grant this fall for the intersection improvement of Loveland Madeira Road and Remington Road (SR 126) ("Improvement Project");

WHEREAS, the Improvement Project includes adding a right-turn land from Loveland Madeira Road onto Remington Road (going towards Montgomery), intersection profile adjustments, rehabilitating Loveland Madeira Road to north of Hopewell Road, installing new culverts, and resurfacing the roadway;

WHEREAS, the total estimated cost of the Improvement Project is $3,879,622.00 ("Cost") and the Hamilton County Engineer's Office is requesting Symmes Township to partner with it financially for 2% of the Cost or $77,592.00 to enable it to earn more points on the Improvement Project; and

WHEREAS, the Board of Township Trustees of Symmes Township believes that it is in the best interests of Symmes Township to participate in the Improvement Project to the amount of 1% of the Cost or an amount not to exceed $39,000.00.

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of Symmes Township, Hamilton County, Ohio:

Section 1. The Symmes Township Board of Trustees hereby determines that it is necessary and a proper public purpose and in the best interest of the Township to participate to the amount of 1% of the Cost or an amount not to exceed $39,000.00 in the Improvement Project.

Section 2. The Township Administrator is directed to take all steps necessary to effect the actions contemplated by this Resolution, including execution of the Status of Funds Report attached hereto as Exhibit A and incorporated herein by reference.

Section 3. The Township Fiscal Officer is requested to certify that the amount required to meet the financial obligation or expenditure set forth herein, has been lawfully appropriated for the purpose, and is in the treasury or in the process of collection to the credit of the appropriate fund, free from any outstanding obligation or encumbrance.

Section 4. It is found and determined that all formal actions of this Board of Trustees concerning and relating to the passage of this Resolution were taken in an open meeting of this Board of Trustees and that all deliberations of this Board of Trustees and of any of its committees that resulted in those formal actions were in meetings open to the public, in compliance with all legal requirements, including Section 121.22 of the Revised Code.

Section 5. This Resolution shall take effect and be in force from and after the earliest period allowed by law.

ADOPTED OCTOBER 6, 2009

Vote Record: Mr. Bryant Aye Mr. Beck Aye Mrs. Wagner Aye

BOARD OF TRUSTEES:

Kenneth Bryant, President

Kathryn P. Wagner, Vice-President

Philip J. Beck, Trustee

ATTEST:

John C. Borchers, Fiscal Officer

APPROVED AS TO FORM:

Robert P. Malloy, Law Director

CERTIFICATE OF FISCAL OFFICER

IT IS HEREBY CERTIFIED that the foregoing is a true and correct transcript of a resolution G-0930 adopted by this Board of Symmes Township in regular session the 6th day of October, 2009.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Official Seal of the Office of the Fiscal Officer of Symmes Township this 6th day of October, 2009.

John C. Borchers, Fiscal Officer

County of Hamilton

WILLIAM W. BRAYSHAW, P.E.-P.S. COUNTY ENGINEER

700 COUNTY ADMINISTRATION BUILDING

138 EAST COURT STREET

CINCINNATI, OHIO 45202-1232

PHONE (513) 946-4250 FAX (513) 946-4288

CERTIFICATION OF TRAFFIC COUNT

As required by the District 2 Integrating Committee, I hereby certify that the traffic counts herein attached to the **LOVELAND MADEIRA ROAD REHABILITATION** project application are a true and accurate count done by the Hamilton County Engineer's Office, Traffic Division.

William W. Brayshaw

WILLIAM W. BRAYSHAW, P.E.- P.S.
HAMILTON COUNTY ENGINEER


DEERFIELD
SYCAMORE
SYMMES
LOVELAND
MONTGOMERY
INDIAN HILL
Landen
Loveland Park
Brecon
Symmes
Snidercrest
Epworth Heights
Branch Hill
Remington
Miamiville
Kenwood
Gate of Heaven Cemetery

Dusty Rhodes, Hamilton County Auditor

Map

Parcel ID	Address	Index Order
620-0150-0038-00	9781 LOVELAND MADEIRA RD	Street Address

Parcel Info
- Summary
- Residential
- Levy Info
- Improvements
- Commercial
- Transfer
- Value History
- Payments
- Image
- Map
  - Printable Tab
- Property Report

Search By
- Parcel ID
- Owner
- Street Address
- Sales
- Map

Site Functions
- Comments
- On-Line Help
- Home
- Auditor's Home

New Map Search

Click Map To:

Zoom In

Zoom Level:

1x

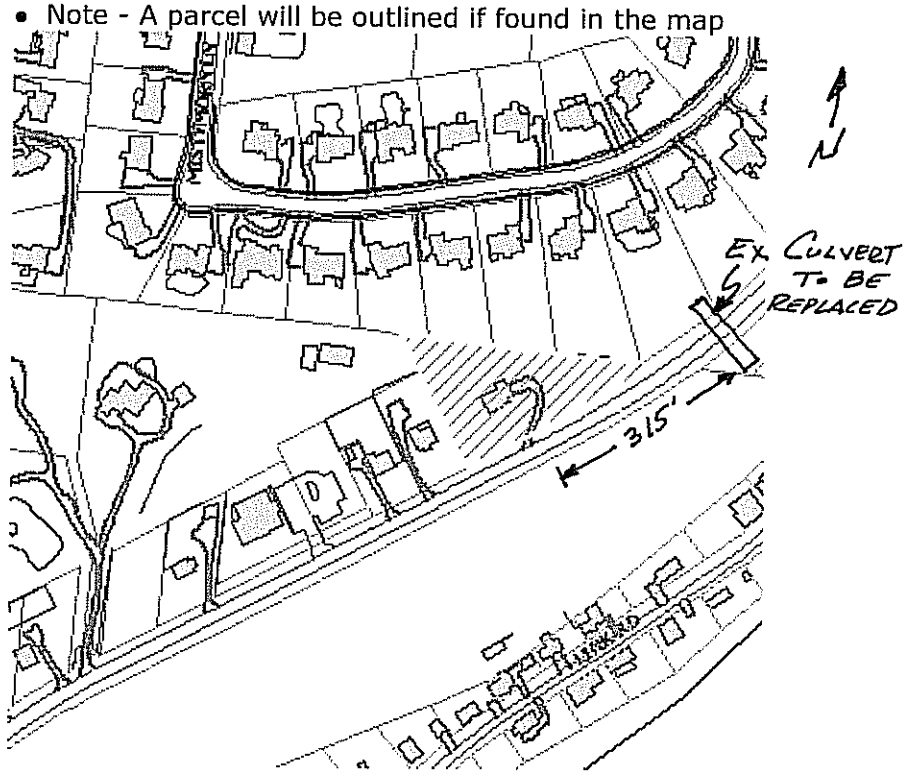
Scale: 1:4,129

Map Layers:

- [x] Rivers
- [x] Stream
- [x] Buildings
- [x] Condos
- [x] Parcels
- [x] Fence
- [ ] Class2 Roads
- [x] Class1 Roads
- [x] Streets
- [x] Driveways
- [x] Parking
- [x] Sidewalk
- [x] Pavement

New Map Search

- Note - A parcel will be outlined if found in the map



- Map Data provided by the office of William Brayshaw, Engineer

<< First < Previous Next > Last >>

ADDITIONAL SUPPORT INFORMATION

For Program Year 2010 (July 1, 2010 through June 30, 2011), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items, as noted, is required. The applicant should also use the rating system and its' addendum as a guide. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

IF YOU ARE APPLYING FOR A GRANT, WILL YOU BE WILLING TO ACCEPT A LOAN IF ASKED BY THE DISTRICT? _____YES __X__NO (ANSWER REQUIRED)
Note: Answering "Yes" will not increase your score and answering "NO" will not decrease your score.

1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?
Give a statement of the nature of the deficient conditions of the present facility exclusive of capacity, serviceability, health and/or safety issues. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded. Use documentation (if possible) to support your statement. Documentation may include (but is not limited to): ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application. Examples of deficiencies include: structural condition; substandard design elements such as widths, grades, curves, sight distances, drainage structures, etc.

The existing infrastructure is in poor condition. The PCI rating for this roadway is 59. The roadway needs substantial full and partial depth pavement repairs to maintain integrity. A retaining wall needs to be constructed to hold the hillside that frequently slides into the westbound roadway. An existing culvert located NE of 9718 Loveland Madeira Road has failed and must be replaced (see attached photos). The existing profile at the intersection of Loveland Madeira Road and Remington Road (SR 126) includes a hump that limits westbound surface view and ponds water (and ice) during heavy rain. The existing lane configuration at the intersection is such that unaccustomed drivers tend to steer into opposing lanes.

2) How important is the project to the safety of the Public and the citizens of the District and/or service area?
Give a statement of the projects effect on the safety of the service area. The design of the project is intended to reduce existing accident rate, promote safer conditions, and reduce the danger of risk, liability or injury. (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

At least three hazards are present in the existing roadway:

A. Frequent mud slides as noted above (see attached foreman's reports)
B. Ponding of water and subsequent icing at the northwest corner of the intersection
C. The present configuration of lanes on eastbound and westbound Loveland Madeira Road at the intersection requires drivers to suddenly shift directions to avoid opposing traffic. Please see the attached Crash Diagram.

3) How important is the project to the health of the Public and the citizens of the District and/or service area?
Give a statement of the projects effect on the health of the service area. The design of the project will improve the overall condition of the facility so as to reduce or eliminate potential for disease, or correct concerns regarding the environmental health of the area. (Typical examples may include the effects of the completed project by improving or adding storm drainage or sanitary facilities, replacing lead jointed water lines, etc.). Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

There are no significant health issues involved with this project.

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?

The jurisdiction must submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance.

Priority 1 Loveland Madeira Road Rehabilitation

Priority 2 Galbraith Road Rehabilitation

Priority 3 Rybolt Wesselman Intersection Upgrade

Priority 4 Blue Rock Road Bridge

Priority 5 Westwood Northern Blvd. Rehabilitation

5) To what extent will the user fee funded agency be participating in the funding of the project?

(Example: rates for water or sewer, frontage assessments, etc.).

---

6) Economic Growth – How will the completed project enhance economic growth

Give a statement of the projects effect on the economic growth of the service area (be specific).

The proposed project will have a minimal effect on economic growth.

7) Matching Funds - LOCAL

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (b) of the Ohio Public Works Association's "Application For Financial Assistance" form.

8) Matching Funds - OTHER

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (c) of the Ohio Public Works Association's "Application For Financial Assistance" form. If MRF funds are being used for matching funds, the MRF application must have been filed by Friday, August 31, 2007 of this year for this project with the Hamilton County Engineer's Office. List below, the source(s) of all "other" funding.

9) Will the project alleviate serious capacity problems or hazards or respond to the future level of service needs of the district?

Describe how the proposed project will alleviate serious capacity problems or hazards (be specific).

For roadway betterment projects, provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO'S "Geometric Design of Highways and Streets" and the 1985 Highway Capacity Manual.

Existing LOS _____ Proposed LOS _____

If the proposed design year LOS is not "C" or better, explain why LOS "C" cannot be achieved.

10) If SCIP/LTIP funds are granted, when would the construction contract be awarded?

If SCIP/LTIP funds are awarded, how soon after receiving the Project Agreement from OPWC (tentatively set for July 1 of the year following the deadline for applications) would the project be under contract? The Support Staff will review status reports of previous projects to help judge the accuracy of a jurisdiction's anticipated project schedule.

Number of months 6

a.) Are preliminary plans or engineering completed? Yes X No _____ N/A _____

b.) Are detailed construction plans completed? Yes _____ No X N/A _____

c.) Are all utility coordination's completed? Yes _____ No X N/A _____

d.) Are all right-of-way and easements acquired (if applicable)? Yes _____ No X N/A _____

If no, how many parcels needed for project? 2 Of these, how many are: Takes _____

Temporary _____

Permanent 2

For any parcels not yet acquired, explain the status of the ROW acquisition process for this project.

e.) Give an estimate of time needed to complete any item above not yet completed. 12 months.

11) Does the infrastructure have regional impact?

Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.
Loveland Madeira Road is a major southwest-northeast arterial that serves to connect east Cincinnati, Madeira, and Indian Hill with Symmes Township and Loveland, and Miami Township in Clermont County. It is a direct connecter to I-275 and is used as an alternate for I-71 when restrictions occur on the latter. Residents from Clermont County also depend on this road via Hopewell Road.

12) What is the overall economic health of the jurisdiction?

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

Describe what formal action has been taken which resulted in a ban of the use of or expansion of use for the involved infrastructure? Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits, etc. The ban must have been caused by a structural or operational problem to be considered valid. Submission of a copy of the approved legislation would be helpful.
NO BAN

Will the ban be removed after the project is completed? Yes _____ No _____ N/A X

14) What is the total number of existing daily users that will benefit as a result of the proposed project?

For roads and bridges, multiply current Average Daily Traffic (ADT) by 1.20. For inclusion of public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4. User information must be documented and certified by a professional engineer or the jurisdictions' C.E.O.

Traffic: ADT 63,278 X 1.20 = 75,934 Users

Water/Sewer: Homes _____ X 4.00 = _____ Users

15) Has the jurisdiction enacted the optional $5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure?

The applying jurisdiction shall list what type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for.

Optional $5.00 License Tax X

Infrastructure Levy _____ Specify type _____

Facility Users Fee _____ Specify type _____

Dedicated Tax _____ Specify type _____

Other Fee, Levy or Tax _____ Specify type _____

SCIP/LTIP PROGRAM
ROUND 24 - PROGRAM YEAR 2010
PROJECT SELECTION CRITERIA
JULY 1, 2010 TO JUNE 30, 2011

NAME OF APPLICANT: Hamilton County

NAME OF PROJECT: Loveland Madeira Rd Rehab.

RATING TEAM: 1

General Statement for Rating Criteria

Points awarded for all items will be based on engineering experience, field verification, application information and other information supplied by the applying agency, which is deemed to be relevant by the Support Staff. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

CIRCLE THE APPROPRIATE RATING

1) **What is the physical condition of the existing infrastructure that is to be replaced or repaired?**

25 - Failed
23 - Critical
20 - Very Poor
17 - Poor
(15) Moderately Poor
10 - Moderately Fair
5 - Fair Condition
0 - Good or Better

Retaining Wall	12.5%	0
Culvert	5%	25
Storm	5%	0
Roadway	77.5	15
	Avg	13

Appeal Score

15

Criterion 1 - Condition

Condition of the particular infrastructure to be repaired, reconstructed or replaced shall be a measure of the degree of reduction in condition from its original state. Historic pavement management data based on ASTM D6433-99 rating system may be submitted as documentation. Capacity, serviceability, safety and health shall not be considered in this criterion. Any documentation the Applicant wishes to be considered must be included in the application package.

Definitions:

Failed Condition - requires complete reconstruction where no part of the existing facility is salvageable. (E.g. Roads: complete reconstruction of roadway, curbs and base; Bridges: complete removal and replacement of bridge; Underground: removal and replacement of an underground drainage or water system.

Critical Condition - requires partial reconstruction to maintain integrity. (E.g. Roads: reconstruction of roadway/curbs can be saved; Bridges: removal and replacement of bridge with abutment modification; Underground: removal and replacement of part of an underground drainage or water system.

Very Poor Condition - requires extensive rehabilitation to maintain integrity. (E.g. Roads: extensive full depth, partial depth and curb repair of a roadway with a structural overlay; Bridges: superstructure replacement; Underground: repair of joints and/or replacement of pipe sections.

Poor Condition - requires standard rehabilitation to maintain integrity. (E.g. Roads: moderate full depth, partial depth and curb repair to a roadway with no structural overlay needed or structural overlay with minor repairs to a roadway needed; Bridges: extensive patching of substructure and replacement of deck; Underground: insituform or other in ground repairs.

Moderately Poor Condition - requires minor rehabilitation to maintain integrity. (E.g. Roads: minor full depth, partial depth or curb repairs to a roadway with either a thin overlay or no overlay needed; Bridges: major structural patching and/or major deck repair.

Moderately Fair Condition - requires extensive maintenance to maintain integrity. (E.g. Roads: thin or no overlay with extensive crack sealing, minor partial depth and/or slurry or rejuvenation; Bridges: minor structural patching, deck repair, erosion control.)

Fair Condition - requires routine maintenance to maintain integrity. (E.g. Roads: slurry seal, rejuvenation or routine crack sealing to the roadway; Bridges: minor structural patching.)

Good or Better Condition - little to no maintenance required to maintain integrity.

Note: **If the infrastructure is in "good" or better condition, it will NOT be considered for SCIP/LTIP funding unless it is an expansion project that will improve serviceability.**

2) **How important is the project to the safety of the Public and the citizens of the District and/or service area?**

25 - Highly significant importance
20 - Considerably significant importance
15 - Moderate importance
10 - Minimal importance
5 – Poorly documented importance
0 - No measurable impact

crash rate very low
16 crashes total
8 w/ sight line issues

Appeal Score 15

Criterion 2 – Safety
The applying agency shall include in its application the type of deficiency that currently exists and how the intended project would improve the situation. For example, have there been vehicular accidents attributable to the problems cited? Have they involved injuries or fatalities? In the case of water systems, are existing hydrants non-functional? In the case of water lines, is the present capacity inadequate to provide volumes or pressure for adequate fire protection? **In all cases, specific documentation is required.** Mentioned problems, which are poorly documented, generally will not receive more than 5 points.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply. **Examples given above are NOT intended to be exclusive.**

3) **How important is the project to the health of the Public and the citizens of the District and/or service area?**

25 - Highly significant importance
20 - Considerably significant importance
15 - Moderate importance
10 - Minimal importance
5 - Poorly documented importance
0 - No measurable impact

Appeal Score _____

Criterion 3 – Health
The applying agency shall include in its application the type, frequency, and severity of the health problem that would be eliminated or reduced by the intended project. For example, can the problem be eliminated only by the project, or would routine maintenance be satisfactory? If basement flooding has occurred, was it storm water or sanitary flow? What complaints if any are recorded? In the case of underground improvements, how will they improve health if they are storm sewers? How would improved sanitary sewers improve health or reduce health risk? **In all cases, quantified documentation is required.** Mentioned problems, which are poorly documented, generally will not receive more than 5 points.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply. **Examples given above are NOT intended to be exclusive.**

4) **Does the project help meet the infrastructure repair and replacement needs of the applying agency?**
Note: Applying agency's priority listing (part of the Additional Support Information) must be filed with application(s).

25 - First priority project
20 - Second priority project
15 -Third priority project
10 - Fourth priority project
5 - Fifth priority project or lower

Appeal Score _____

Criterion 4 – Jurisdiction's Priority Listing
The applying agency **must** submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance. The form is included in the Additional Support Information.

5) **To what extent will a user fee funded agency be participating in the funding of the project?**

(10) – Less than 10%
9 – 10% to 19.99%
8 – 20% to 29.99%
7 – 30% to 39.99%
6 – 40% to 49.99%
5 – 50% to 59.99%
4 – 60% to 69.99%
3 – 70% to 79.99%
2 – 80% to 89.99%
1 – 90% to 95%
0 – Above 95%

Appeal Score _____

Criterion 5 – User Fee-funded Agency Participation
To what extent will a user fee funded agency be participating in the funding of the project? (Example: rates for water or sewer, frontage assessments, etc.). The applying agency must submit documentation.

6) **Economic Growth – How the completed project will enhance economic growth (See definitions).**

10 – The project will directly secure new employment
5 – The project will permit more development
(0) – The project will not impact development

Appeal Score _____

Criterion 6 – Economic Growth
Will the completed project enhance economic growth and/or development?
Definitions:
Secure new employment: The project as designed will secure development/employers, which will immediately add new permanent employees. The applying agency must submit details.
Permit more development: The project as designed will permit additional business development/employment. The applying agency must supply details.
The project will not impact development: The project will have no impact on business development.

Note: **Each project is looked at on an individual basis to determine if any aspects of this category apply.**

7) **Matching Funds - LOCAL**

10 - This project is a loan or credit enhancement
10 – 50% or higher
8 – 40% to 49.99%
6 – 30% to 39.99%
4 – 20% to 29.99%
(2) – 10% to 19.99%
0 – Less than 10%

List total percentage of "Local" funds 10 **%**

Criterion 7 – Matching Funds – Local

The percentage of matching funds which come directly from the budget of the applying agency. Ten points shall be awarded if a loan request is at least 50% of the total project cost. (If the applying agency is not a user fee funded agency, any funds to be provided by a user fee generating agency will be considered "Matching Funds – Other").

8) Matching Funds – OTHER

List total percentage of "Other" funds 1 %

10 – 50% or higher
8 – 40% to 49.99%
6 – 30% to 39.99%
4 – 20% to 29.99%
2 – 10% to 19.99%
(1) – 1% to 9.99%
0 – Less than 1%

List below each funding source and percentage

Symmes TWP.	1 %
	%
	%
	%
	%

Criterion 8 – Matching Funds - Other

The percentage of matching funds that come from funding sources other than those mentioned in Criterion 7. A letter from the outside funding agency stating their financial participation in the project and the amount of funding is required to receive points. For MRF, a copy of the current application form filed with the Hamilton County Engineer's Office meets the requirement.

9) 2, **Will the project alleviate serious capacity problems or hazards or respond to the future level of service needs of the district?**

10 - Project design is for future demand.
8 - Project design is for partial future demand.
(6) - Project design is for current demand.
4 - Project design is for minimal increase in capacity.
(2) Project design is for no increase in capacity.

ASI has no arguement but data was included in the application

Appeal Score _____

Criterion 9 – Alleviate Capacity Problems

The applying agency shall provide a narrative, along with pertinent support documentation, which describe the existing deficiencies and showing how congestion will be reduced or eliminated and how service will be improved to meet the needs of any expected growth or development. A formal capacity analysis must accompany the application to receive more than 4 points. Projected traffic or demand should be calculated as follows:

Formula:

Existing volume x design year factor = projected volume

Design Year	Design year factor		
	Urban	Suburban	Rural
20	1.40	1.70	1.60
10	1.20	1.35	1.30

Definitions:

Future demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for twenty-year projected demand or fully developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

Partial future demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for ten-year projected demand or partially developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

Current demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service only for existing demand and conditions.

Minimal increase – Project will reduce but not eliminate existing congestion or deficiencies and will provide a minimal but less than sufficient increase in existing capacity or service for existing demand and conditions.

No increase – Project will have no effect on existing congestion or deficiencies and provide no increase in capacity or service for existing demand and conditions.

10) **Readiness to Proceed - If SCIP/LTIP funds are granted, when would the construction contract be awarded?**

(5) **Will be under contract by December 31, 2010 and no delinquent projects in Rounds 21 & 22**
3 - Will be under contract by March 31, 2011 and/or one delinquent project in Rounds 21 & 22
0 - Will not be under contract by March 31, 2011 and/or more than one delinquent project in Rounds 21 & 22

Criterion 10 – Readiness to Proceed
The Support Staff will assign points based on engineering experience and status of design plans. A project is considered delinquent when it has not received a notice to proceed within the time stated on the original application and no time extension has been granted by the OPWC. An applying agency receiving approval for a project and subsequently canceling the same after the bid date on the application will receive zero (0) points under this round and the following round.

11) **Does the infrastructure have regional impact? Consider origination and destination of traffic, functional classifications, size of service area, and number of jurisdictions served, etc.**

(10) **Major Impact**
8 – Significant Impact
6 – Moderate Impact
4 – Minor Impact
2 – Minimal or No Impact

Appeal Score

_____

Criterion 11 - Regional Impact
The regional significance of the infrastructure that is being repaired or replaced.
Definitions:

Major Impact – Roads: Major Arterial: A direct connector to an Interstate Highway; Arterials are intended to provide a greater degree of mobility rather than land access. Arterials generally convey large traffic volumes for distances greater than one mile. A major arterial is a highway that is of regional importance and is intended to serve beyond the county. It may connect urban centers with one another and/or with outlying communities and employment or shopping centers. A major arterial is intended primarily to serve through traffic.

Significant Impact – Roads: Minor Arterial: A roadway, also serving through traffic, that is similar in function to a major arterial, but operates with lower traffic volumes, serves trips of shorter distances (but still greater than one mile), and may provide a higher degree of property access than do major arterials.

Moderate Impact – Roads: Major Collector: A roadway that provides for traffic movement between local roads/streets and arterials or community-wide activity centers and carries moderate traffic volumes over moderate distances (generally less than one mile). Major collectors may also provide direct access to abutting properties, such as regional shopping centers, large industrial parks, major subdivisions and community-wide recreational facilities, but typically not individual residences. Most major collectors are also county roads and are therefore through streets.

Minor Impact – Roads: Minor Collector: A roadway similar in functions to a major collector but which carries lower traffic volumes over shorter distances and has a higher degree of property access. Minor collectors may serve as main circulation streets within large, residential neighborhoods. Most minor collectors are also township roads and streets and may, or may not, be through streets.

Minimal or No Impact - Roads: Local: A roadway that is primarily intended to provide access to abutting properties. It tends to accommodate lower traffic volumes, serves short trips (generally within neighborhoods), and provides connections preferably only to collector streets rather than arterials.

12) **What is the overall economic health of the jurisdiction?**

10 Points
(8) Points
6 Points
4 Points
2 Points

Criterion 12 – Economic Health
The District 2 Integrating Committee predetermines the applying agency's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

13) **Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?**

10 - Complete ban, facility closed
8 – 80% reduction in legal load or 4-wheeled vehicles only
7 – Moratorium on future development, *not* functioning for current demand
6 – 60% reduction in legal load
5 - Moratorium on future development, functioning for current demand
4 – 40% reduction in legal load
2 – 20% reduction in legal load
(0) - Less than 20% reduction in legal load

Appeal Score _____

Criterion 13 - Ban
The applying agency shall provide documentation to show that a facility ban or moratorium has been formally placed. The ban or moratorium must have been caused by a structural or operational problem. Points will only be awarded if the end result of the project will cause the ban to be lifted.

14) **What is the total number of existing daily users that will benefit as a result of the proposed project?**

(10) - 30,000 or more
8 - 21,000 to 29,999
6 - 12,000 to 20,999
4 - 3,000 to 11,999
2 - 2,999 and under

Appeal Score _____

Criterion 14 - Users
The applying agency shall provide documentation. A registered Professional Engineer must certify (sign and seal) the appropriate documentation. Documentation may include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for the roads and bridges, but only when certifiable ridership figures are provided.

15) **Has the applying agency enacted the optional $5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure? *(Provide documentation of which fees have been enacted.)***

5 - Two or more of the above
(3) - One of the above
0 - None of the above

Appeal Score _____

Criterion 15 – Fees, Levies, Etc.
The applying agency shall document (in the "Additional Support Information" form) which type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for. Bonds are not eligible for points in this category.

County of Hamilton

WILLIAM W. BRAYSHAW, P.E.-P.S. COUNTY ENGINEER

700 COUNTY ADMINISTRATION BUILDING

138 EAST COURT STREET

CINCINNATI, OHIO 45202-1232

PHONE (513) 946-4250 FAX (513) 946-4288

August 26, 2009

To: District 2, Integrating Committee
c/o Joe Cottrill

RE: Loveland-Madeira Road (Hopewell-Remington)
Slide – South of Morgan's Trace

Sirs:

To address slippage in the area south of Morgan's Trace on an area approximately 150 lineal feet long on Loveland-Madeira Road, this Office recommends that a drilled shaft retaining wall with steel beams and concrete lagging be constructed. This wall will need to be approximately 8' above the edge of pavement.

Should you have any further questions, please contact Mr. Stephen J. Mary, P.E., Hamilton County Bridge Engineer, at 946-8418.

Sincerely,

WILLIAM W. BRAYSHAW, P.E.-P.S.
HAMILTON COUNTY ENGINEER

Stephen J. Mary, P.E.
Hamilton County Bridge Engineer

WWB:SJM:TAB
C:Office
Project File

Count Dates: June 8 & 9, 2009
Count Days: Monday & Tuesday
Count By: Marc W. Allen
Weather: Partly Cloudy

William W. Brayshaw, P.E.-P.S.
Hamilton County Engineer

Traffic Department

Site Code: 299
Station ID: 3
Loveland Madeira Road (Southbound)
Between Hopewell Road & I-275 (Symmes)
Latitude: 0' 0.000 Undefined

Start Time	Mon 08-Jun-09	Tue 09-Jun-09	Wed 10-Jun-09	Thu 11-Jun-09	Fri 12-Jun-09	Average Day	Sat 13-Jun-09	Sun 14-Jun-09	Week Average
12:00 AM	*	57	*	*	*	57	*	*	57
01:00	*	37	*	*	*	37	*	*	37
02:00	*	23	*	*	*	23	*	*	23
03:00	*	36	*	*	*	36	*	*	36
04:00	*	102	*	*	*	102	*	*	102
05:00	*	316	*	*	*	316	*	*	316
06:00	*	923	*	*	*	923	*	*	923
07:00	*	**1596**	*	*	*	**1596**	*	*	**1596**
08:00	*	1278	*	*	*	1278	*	*	1278
09:00	*	978	*	*	*	978	*	*	978
10:00	*	804	*	*	*	804	*	*	804
11:00	*	818	*	*	*	818	*	*	818
12:00 PM	*	**853**	*	*	*	853	*	*	853
01:00	776	*	*	*	*	776	*	*	776
02:00	790	*	*	*	*	790	*	*	790
03:00	818	*	*	*	*	818	*	*	818
04:00	813	*	*	*	*	813	*	*	813
05:00	**901**	*	*	*	*	**901**	*	*	**901**
06:00	670	*	*	*	*	670	*	*	670
07:00	483	*	*	*	*	483	*	*	483
08:00	433	*	*	*	*	433	*	*	433
09:00	296	*	*	*	*	296	*	*	296
10:00	195	*	*	*	*	195	*	*	195
11:00	121	*	*	*	*	121	*	*	121
Day Total	6296	7821	0	0	0	14117	0	0	14117
% Avg. WkDay	44.6%	55.4%	0.0%	0.0%	0.0%				
% Avg. Week	44.6%	55.4%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
AM Peak		07:00				07:00			07:00
Vol.		1596				1596			1596
PM Peak	17:00	12:00				17:00			17:00
Vol.	901	853				901			901
Grand Total	6296	7821	0	0	0	14117	0	0	14117

ADT [redacted]

Count Dates: June 8 & 9, 2009
Count Days: Monday & Tuesday
Count By: Marc W. Allen
Weather: Partly Cloudy

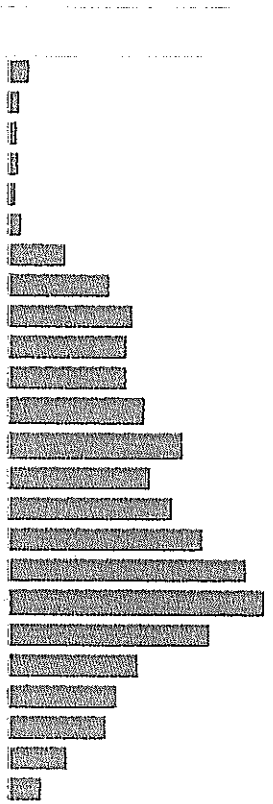
William W. Brayshaw, P.E.-P.S.
Hamilton County Engineer

Traffic Department

Site Code: 299
Station ID: 1
Loveland Madeira Road (Northbound)
Between Hopewell Road & I-275 (Symmes)
Latitude: 0' 0.000 Undefined

Start Time	Mon 08-Jun-09	Tue 09-Jun-09	Wed 10-Jun-09	Thu 11-Jun-09	Fri 12-Jun-09	Average Day	Sat 13-Jun-09	Sun 14-Jun-09	Week Average
12:00 AM	*	102	*	*	*	102	*	*	102
01:00	*	52	*	*	*	52	*	*	52
02:00	*	40	*	*	*	40	*	*	40
03:00	*	46	*	*	*	46	*	*	46
04:00	*	32	*	*	*	32	*	*	32
05:00	*	63	*	*	*	63	*	*	63
06:00	*	288	*	*	*	288	*	*	288
07:00	*	512	*	*	*	512	*	*	512
08:00	*	633	*	*	*	633	*	*	633
09:00	*	602	*	*	*	602	*	*	602
10:00	*	602	*	*	*	602	*	*	602
11:00	*	**694**	*	*	*	**694**	*	*	**694**
12:00 PM	*	**892**	*	*	*	892	*	*	892
01:00	724	*	*	*	*	724	*	*	724
02:00	837	*	*	*	*	837	*	*	837
03:00	990	*	*	*	*	990	*	*	990
04:00	1218	*	*	*	*	1218	*	*	1218
05:00	**1309**	*	*	*	*	**1309**	*	*	**1309**
06:00	1025	*	*	*	*	1025	*	*	1025
07:00	660	*	*	*	*	660	*	*	660
08:00	550	*	*	*	*	550	*	*	550
09:00	495	*	*	*	*	495	*	*	495
10:00	296	*	*	*	*	296	*	*	296
11:00	164	*	*	*	*	164	*	*	164
Day Total	8268	4558	0	0	0	12826	0	0	12826
% Avg. WkDay	64.5%	35.5%	0.0%	0.0%	0.0%				
% Avg. Week	64.5%	35.5%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
AM Peak		11:00				11:00			11:00
Vol.		694				694			694
PM Peak	17:00	12:00				17:00			17:00
Vol.	1309	892				1309			1309
Grand Total	8268	4558	0	0	0	12826	0	0	12826

ADT [redacted]



Count Dates: June 4 & 5, 2009
Count Days: Thursday & Friday
Count By: Marc W. Allen
Weather: Partly Cloudy

William W. Brayshaw, P.E:-P.S.
Hamilton County Engineer

Traffic Department

Site Code: 299
Station ID: 10001
Loveland Madeira Road @ 10001
Between Humphrey Road & I-275
Latitude: 0' 0.000 Undefined

Start Time	Mon 01-Jun-09	Tue 02-Jun-09	Wed 03-Jun-09	Thu 04-Jun-09	Fri 05-Jun-09	Average Day	Sat 06-Jun-09	Sun 07-Jun-09	Week Average
12:00 AM	*	*	*	*	75	75	*	*	75
01:00	*	*	*	*	34	34	*	*	34
02:00	*	*	*	*	14	14	*	*	14
03:00	*	*	*	*	19	19	*	*	19
04:00	*	*	*	*	30	30	*	*	30
05:00	*	*	*	*	107	107	*	*	107
06:00	*	*	*	*	456	456	*	*	456
07:00	*	*	*	*	**818**	**818**	*	*	**818**
08:00	*	*	*	*	790	790	*	*	790
09:00	*	*	*	*	713	713	*	*	713
10:00	*	*	*	*	616	616	*	*	616
11:00	*	*	*	*	699	699	*	*	699
12:00 PM	*	*	*	*	**775**	775	*	*	775
01:00	*	*	*	686	*	686	*	*	686
02:00	*	*	*	776	*	776	*	*	776
03:00	*	*	*	900	*	900	*	*	900
04:00	*	*	*	1167	*	1167	*	*	1167
05:00	*	*	*	**1214**	*	**1214**	*	*	**1214**
06:00	*	*	*	994	*	994	*	*	994
07:00	*	*	*	592	*	592	*	*	592
08:00	*	*	*	459	*	459	*	*	459
09:00	*	*	*	344	*	344	*	*	344
10:00	*	*	*	200	*	200	*	*	200
11:00	*	*	*	156	*	156	*	*	156
Day Total	0	0	0	7488	5146	12634	0	0	12634
% Avg. WkDay	0.0%	0.0%	0.0%	59.3%	40.7%				
% Avg. Week	0.0%	0.0%	0.0%	59.3%	40.7%	100.0%	0.0%	0.0%	
AM Peak					07:00	07:00			07:00
Vol.					818	818			818
PM Peak				17:00	12:00	17:00			17:00
Vol.				1214	775	1214			1214
Grand Total	0	0	0	7488	5146	12634	0	0	12634

ADT [redacted]

Count Dates: June 4 & 5, 2009
Count Days: Thursday & Friday
Count By: Marc W. Allen
Weather: Partly Cloudy

William W. Brayshaw, P.E.-P.S.
Hamilton County Engineer

Traffic Department

Site Code: 299
Station ID: 9325
Loveland Madeira Road @ 9325
Between Remington Road & SR 126
Latitude: 0' 0.000 Undefined

Start Time	Mon 01-Jun-09	Tue 02-Jun-09	Wed 03-Jun-09	Thu 04-Jun-09	Fri 05-Jun-09	Average Day	Sat 06-Jun-09	Sun 07-Jun-09	Week Average
12:00 AM	*	*	*	*	74	74	*	*	74
01:00	*	*	*	*	27	27	*	*	27
02:00	*	*	*	*	5	5	*	*	5
03:00	*	*	*	*	8	8	*	*	8
04:00	*	*	*	*	13	13	*	*	13
05:00	*	*	*	*	43	43	*	*	43
06:00	*	*	*	*	247	247	*	*	247
07:00	*	*	*	*	**705**	**705**	*	*	**705**
08:00	*	*	*	*	625	625	*	*	625
09:00	*	*	*	*	472	472	*	*	472
10:00	*	*	*	*	459	459	*	*	459
11:00	*	*	*	*	519	519	*	*	519
12:00 PM	*	*	*	531	*	531	*	*	531
01:00	*	*	*	491	*	491	*	*	491
02:00	*	*	*	578	*	578	*	*	578
03:00	*	*	*	695	*	695	*	*	695
04:00	*	*	*	812	*	812	*	*	812
05:00	*	*	*	**885**	*	**885**	*	*	**885**
06:00	*	*	*	770	*	770	*	*	770
07:00	*	*	*	443	*	443	*	*	443
08:00	*	*	*	347	*	347	*	*	347
09:00	*	*	*	253	*	253	*	*	253
10:00	*	*	*	154	*	154	*	*	154
11:00	*	*	*	115	*	115	*	*	115
Day Total	0	0	0	6074	3197	9271	0	0	9271
% Avg. WkDay	0.0%	0.0%	0.0%	65.5%	34.5%				
% Avg. Week	0.0%	0.0%	0.0%	65.5%	34.5%	100.0%	0.0%	0.0%	
AM Peak					07:00	07:00			07:00
Vol.					705	705			705
PM Peak				17:00		17:00			17:00
Vol.				885		885			885
Grand Total	0	0	0	6074	3197	9271	0	0	9271

ADT [redacted]

Count Dates: June 4 & 5, 2009
Count Days: Thursday & Friday
Count By: Marc W. Allen
Weather: Partly Cloudy

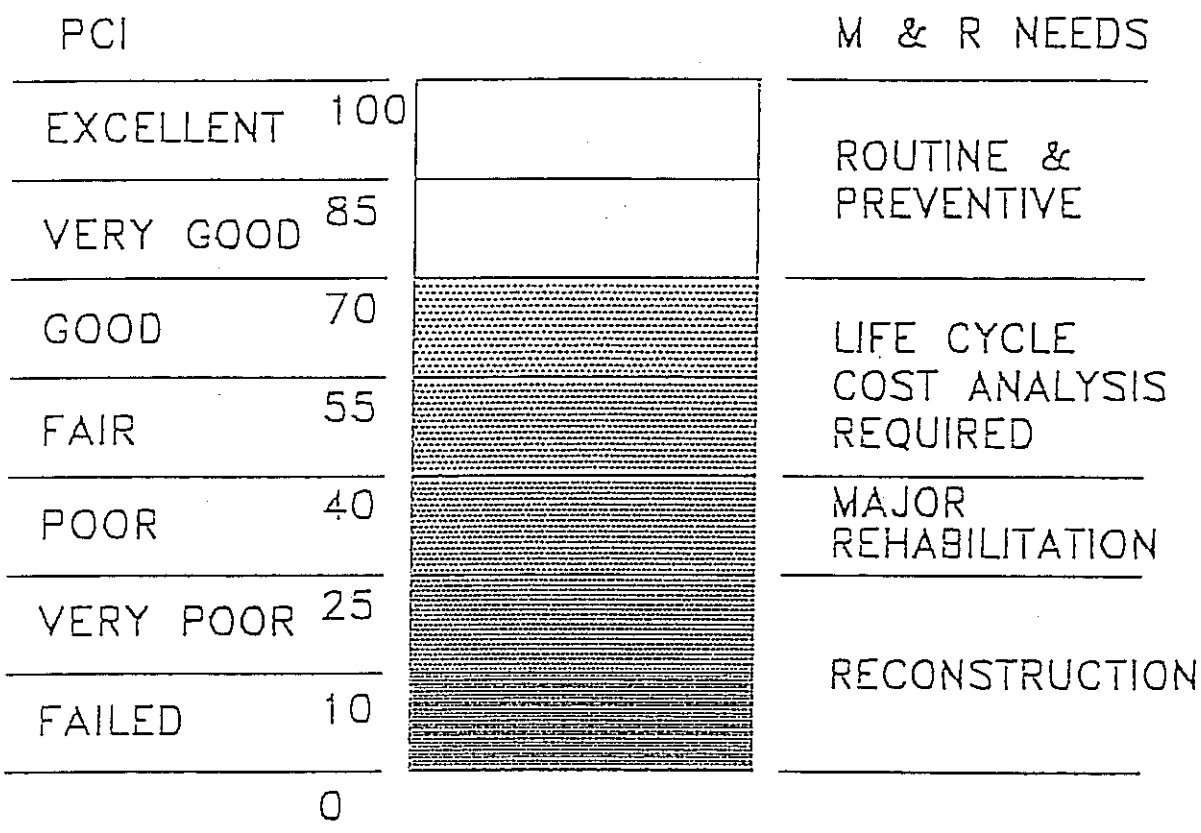
William W. Brayshaw, P.E.-P.S.
Hamilton County Engineer

Traffic Department

Site Code: 299
Station ID: 9479
Loveland Madeira Road @ 9479
Between Humphrey Road & SR 126
Latitude: 0' 0.000 Undefined

Start Time	Mon 01-Jun-09	Tue 02-Jun-09	Wed 03-Jun-09	Thu 04-Jun-09	Fri 05-Jun-09	Average Day	Sat 06-Jun-09	Sun 07-Jun-09	Week Average
12:00 AM	*	*	*	*	92	92	*	*	92
01:00	*	*	*	*	46	46	*	*	46
02:00	*	*	*	*	23	23	*	*	23
03:00	*	*	*	*	20	20	*	*	20
04:00	*	*	*	*	31	31	*	*	31
05:00	*	*	*	*	137	137	*	*	137
06:00	*	*	*	*	484	484	*	*	484
07:00	*	*	*	*	910	910	*	*	910
08:00	*	*	*	*	**917**	**917**	*	*	**917**
09:00	*	*	*	*	800	800	*	*	800
10:00	*	*	*	*	709	709	*	*	709
11:00	*	*	*	*	799	799	*	*	799
12:00 PM	*	*	*	*	**856**	856	*	*	856
01:00	*	*	*	803	*	803	*	*	803
02:00	*	*	*	909	*	909	*	*	909
03:00	*	*	*	1045	*	1045	*	*	1045
04:00	*	*	*	1257	*	1257	*	*	1257
05:00	*	*	*	**1349**	*	**1349**	*	*	**1349**
06:00	*	*	*	1123	*	1123	*	*	1123
07:00	*	*	*	681	*	681	*	*	681
08:00	*	*	*	560	*	560	*	*	560
09:00	*	*	*	414	*	414	*	*	414
10:00	*	*	*	275	*	275	*	*	275
11:00	*	*	*	190	*	190	*	*	190
Day Total	0	0	0	8606	5824	14430	0	0	14430
% Avg. WkDay	0.0%	0.0%	0.0%	59.6%	40.4%				
% Avg. Week	0.0%	0.0%	0.0%	59.6%	40.4%	100.0%	0.0%	0.0%	
AM Peak					08:00	08:00			08:00
Vol.					917	917			917
PM Peak				17:00	12:00	17:00			17:00
Vol.				1349	856	1349			1349
Grand Total	0	0	0	8606	5824	14430	0	0	14430
ADT	[redacted]								

PCI RATING SCALE




5 27. 2000 14:22


5. 27. 2000 14:22

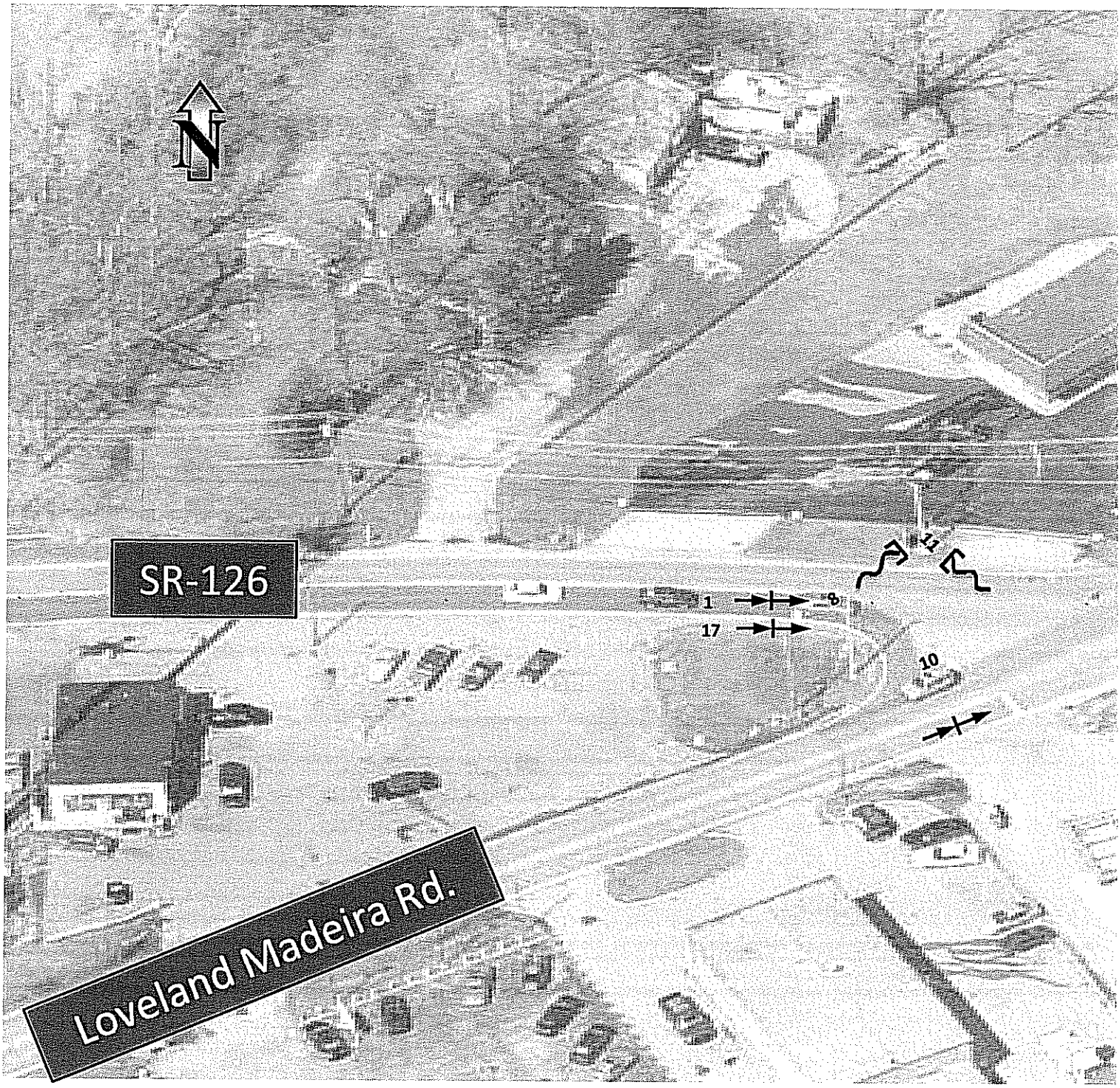

08/25/2009 07:56 AM


08/25/2009 11:20 AM


5.27.2000 14:20

CRASH DIAGRAM

SR-126 & Loveland Madeira Rd.
2006-2008 Crash Data
May 2009



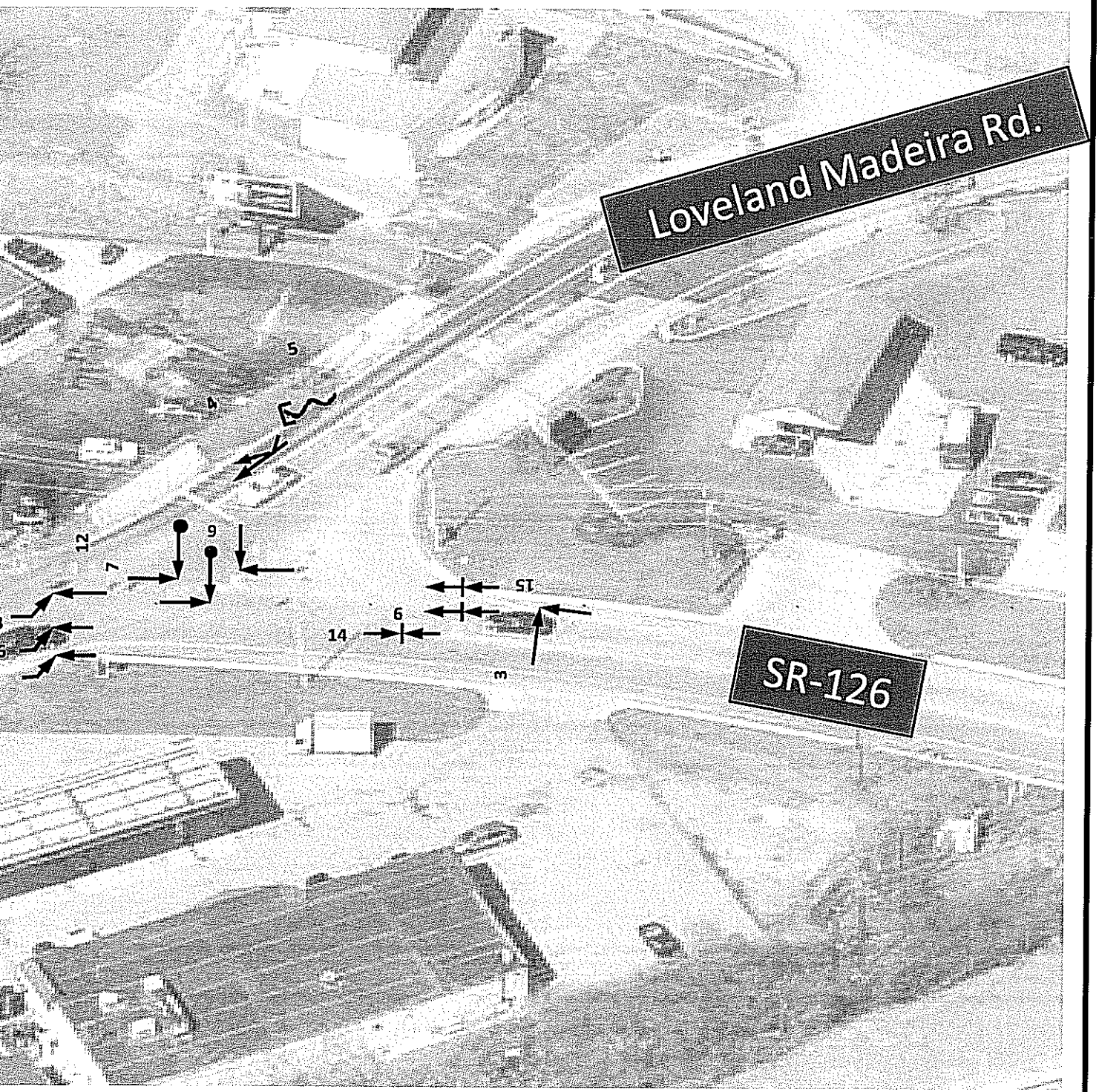


Diagram Label Key
#REF!

SR-126 & Loveland-Madeira Capacity Analysis (2005 Counts)

AM Peak	EB			WB			NB			SB			Intersection Delay	Comment
	L	T	R	L	T	R	L	T	R	L	T	R		
Volume	90	99	11	116	402	68	3	170	22	39	519	222	-	-
No Build	C 26.9			E 56.6			B 19.2			B 17.5	E 58.2		D 48.9	
SR-126 LTL + NB RTL	D 40.4	C 24.9		C 26.1	D 37.3		B 15.5	B 14		B 14.4	D 36.2		C 32.6	If a NB LTL is added, there is little impact
SR-126 LTL + NB RTL + SB RTL	C 23.5	B 19.5		C 20.4	C 27.1		C 20.4	B 18.4		B 18.9	C 28.7	C 21.8	C 24.9	
All Left Turn Lanes	D 40.4	C 24.9		C 26.1	D 37.3		B 14.1	B 15.7		B 14.4	D 36.2		C 32.6	No left turn phases; turn phases reduce overall delay due to clearance time
All LTL + SB RTL	C 23.5	B 19.5		C 20.4	C 27.1		B 18.3	C 20.7		B 19	C 28.7	C 21.8	C 24.9	HCEO Project

PM Peak	EB			WB			NB			SB			Intersection Delay	Comment
	L	T	R	L	T	R	L	T	R	L	T	R		
Volume	368	236	15	32	175	73	2	457	112	61	217	143	-	-
No Build	E 77.5			B 15.1			E 78			C 37.7	D 35.9		E 59.1	
SR-126 LTL + NB RTL	D 37.2	B 18.5		B 16.1	B 18.5		C 31.2	C 22.9		C 25.4	C 28.2		C 27.5	If a NB LTL is added, there is little impact
SR-126 LTL + NB RTL + SB RTL	D 37.2	B 18.5		B 16.1	B 18.5		C 31.2	C 22.9		C 25.4	C 24.4	C 23.6	C 26.7	
All Left Turn Lanes	D 47.3	C 20.3		B 17.8	C 20.4		B 19.3	D 35.9		C 27	C 25.7		C 31.5	No left turn phases; turn phases reduce overall delay due to clearance time
All LTL + SB RTL	D 47.3	C 20.3		B 17.8	C 20.4		B 19.3	D 35.9		C 27	C 22.3	C 21.6	C 30.8	HCEO Project

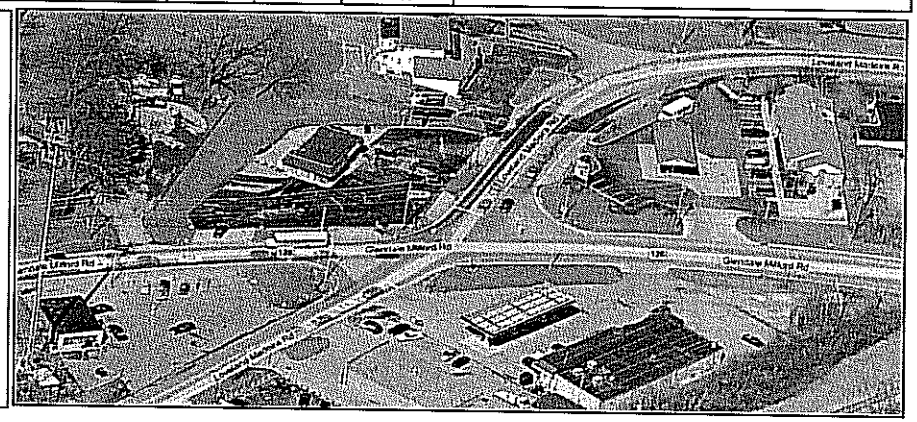
Notes:

- For the AM No Build, the following cycle lengths were evaluated compared to overall delay:

Cycle Length	Delay	Comment
60	61.4	
70	54.8	
90	49.3	90 sec would be best to balance delay vs. storage
110	48.5	
120	48.9	120sec cycle used to allow for comparison of four phase operation

- Split phase operation will not work due to thru volumes; LOS results were consistently LOS F for each approach.

- Ultimate build would add LTL on each approach and north and southbound right turn lanes



HCS+: Signalized Intersections Release 5.4

Analyst: eta
Agency: ODOT
Date: 5/19/2009
Period: AM No Build
Project ID: SR-126 & Loveland Madeira Analysis
E/W St: SR-126

Inter.: SR-126 & Loveland Madeira
Area Type: All other areas
Jurisd: ODOT
Year : 2005
N/S St: Loveland Madeira

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	1	1	0
LGConfig		LTR			LTR			LTR		L	TR	
Volume	90	99	11	116	402	68	3	170	22	39	519	222
Lane Width		12.0			12.0			12.0		12.0	12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	51.5					56.5		
Yellow	4.0					4.0		
All Red	2.0					2.0		

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	410	956	0.54	0.43	26.9	C	26.9	C
Westbound								
LTR	684	1594	0.95	0.43	56.6	E	56.6	E
Northbound								
LTR	857	1821	0.25	0.47	19.2	B	19.2	B
Southbound								
L	526	1118	0.08	0.47	17.5	B		
TR	838	1779	0.98	0.47	58.2	E	56.2	E

Intersection Delay = 48.9 (sec/veh) Intersection LOS = D

HCS+: Signalized Intersections Release 5.4

Analyst: eta
Agency: ODOT
Date: 5/19/2009
Period: AM SR126 LTL + NB RTL
Project ID: SR-126 & Loveland Madeira Analysis
E/W St: SR-126

Inter.: SR-126 & Loveland Madeira
Area Type: All other areas
Jurisd: ODOT
Year : 2005
N/S St: Loveland Madeira

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	1	1	0
LGConfig	L	TR		L	TR			LT	R	L	TR	
Volume	90	99	11	116	402	68	3	170	22	39	519	222
Lane Width	12.0	12.0		12.0	12.0			12.0	12.0	12.0	12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	45.5					62.5		
Yellow	4.0					4.0		
All Red	2.0					2.0		

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	153	404	0.65	0.38	40.4	D		
TR	696	1835	0.18	0.38	24.9	C	31.9	C
Westbound								
L	479	1264	0.27	0.38	26.1	C		
TR	691	1822	0.76	0.38	37.3	D	35.0+	D
Northbound								
LT	962	1847	0.20	0.52	15.5	B	15.3	B
R	824	1583	0.03	0.52	14.0	B		
Southbound								
L	609	1170	0.07	0.52	14.4	B		
TR	927	1779	0.89	0.52	36.2	D	35.2	D

Intersection Delay = 32.6 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.4

Analyst: eta
Agency: ODOT
Date: 5/19/2009
Period: AM SR126 LTL + NBSB RTL
Project ID: SR-126 & Loveland Madeira Analysis
E/W St: SR-126

Inter.: SR-126 & Loveland Madeira
Area Type: All other areas
Jurisd: ODOT
Year : 2005
N/S St: Loveland Madeira

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	1	1	1
LGConfig	L	TR		L	TR			LT	R	L	T	R
Volume	90	99	11	116	402	68	3	170	22	39	519	222
Lane Width	12.0	12.0		12.0	12.0			12.0	12.0	12.0	12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	54.0					54.0		
Yellow	4.0					4.0		
All Red	2.0					2.0		

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	241	535	0.41	0.45	23.5	C		
TR	826	1835	0.15	0.45	19.5	B	21.3	C
Westbound								
L	569	1264	0.23	0.45	20.4	C		
TR	820	1822	0.64	0.45	27.1	C	25.8	C
Northbound								
LT	833	1852	0.23	0.45	20.4	C	20.2	C
R	712	1583	0.03	0.45	18.4	B		
Southbound								
L	515	1145	0.08	0.45	18.9	B		
T	838	1863	0.69	0.45	28.7	C	26.2	C
R	712	1583	0.35	0.45	21.8	C		

Intersection Delay = 24.9 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.4

Analyst: eta
Agency: ODOT
Date: 5/19/2009
Period: AM All LTL
Project ID: SR-126 & Loveland Madeira Analysis
E/W St: SR-126

Inter.: SR-126 & Loveland Madeira
Area Type: All other areas
Jurisd: ODOT
Year : 2005
N/S St: Loveland Madeira

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	1	1	0	1	1	0
LGConfig	L	TR		L	TR		L	TR		L	TR	
Volume	90	99	11	116	402	68	3	170	22	39	519	222
Lane Width	12.0	12.0		12.0	12.0		12.0	12.0		12.0	12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	45.5					62.5		
Yellow	4.0					4.0		
All Red	2.0					2.0		

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	153	404	0.65	0.38	40.4	D		
TR	696	1835	0.18	0.38	24.9	C	31.9	C
Westbound								
L	479	1264	0.27	0.38	26.1	C		
TR	691	1822	0.76	0.38	37.3	D	35.0+	D
Northbound								
L	110	211	0.03	0.52	14.1	B		
TR	954	1831	0.22	0.52	15.7	B	15.7	B
Southbound								
L	590	1132	0.07	0.52	14.4	B		
TR	927	1779	0.89	0.52	36.2	D	35.2	D

Intersection Delay = 32.6 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.4

Analyst: eta
Agency: ODOT
Date: 5/19/2009
Period: AM HCEO Project
Project ID: SR-126 & Loveland Madeira Analysis
E/W St: SR-126

Inter.: SR-126 & Loveland Madeira
Area Type: All other areas
Jurisd: ODOT
Year : 2005
N/S St: Loveland Madeira

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	1	1	0	1	1	1
LGConfig	L	TR		L	TR		L	TR		L	T	R
Volume	90	99	11	116	402	68	3	170	22	39	519	222
Lane Width	12.0	12.0		12.0	12.0		12.0	12.0		12.0	12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	54.0					54.0		
Yellow	4.0					4.0		
All Red	2.0					2.0		

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	241	535	0.41	0.45	23.5	C		
TR	826	1835	0.15	0.45	19.5	B	21.3	C
Westbound								
L	569	1264	0.23	0.45	20.4	C		
TR	820	1822	0.64	0.45	27.1	C	25.8	C
Northbound								
L	200	445	0.01	0.45	18.3	B		
TR	824	1831	0.26	0.45	20.7	C	20.7	C
Southbound								
L	496	1102	0.09	0.45	19.0	B		
T	838	1863	0.69	0.45	28.7	C	26.3	C
R	712	1583	0.35	0.45	21.8	C		

Intersection Delay = 24.9 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.4

Analyst: eta
Agency: ODOT
Date: 5/19/2009
Period: PM No Build
Project ID: SR-126 & Loveland Madeira Analysis
E/W St: SR-126

Inter.: SR-126 & Loveland Madeira
Area Type: All other areas
Jurisd: ODOT
Year : 2005
N/S St: Loveland Madeira

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	1	0	1	1	0
LGConfig		LTR			LTR			LTR		L	TR	
Volume	368	236	15	32	175	73	2	457	112	61	217	143
Lane Width		12.0			12.0			12.0		12.0	12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	66.5					41.5		
Yellow	4.0					4.0		
All Red	2.0					2.0		

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
LTR	652	1177	1.06	0.55	77.5	E	77.5	E
Westbound								
LTR	876	1581	0.36	0.55	15.1	B	15.1	B
Northbound								
LTR	627	1812	1.01	0.35	78.0	E	78.0	E
Southbound								
L	132	383	0.52	0.35	34.7	C		
TR	606	1752	0.66	0.35	35.9	D	35.8	D

Intersection Delay = 59.1 (sec/veh) Intersection LOS = E

HCS+: Signalized Intersections Release 5.4

Analyst: eta
Agency: ODOT
Date: 5/19/2009
Period: PM SR126 LTL + NB RTL
Project ID: SR-126 & Loveland Madeira Analysis
E/W St: SR-126

Inter.: SR-126 & Loveland Madeira
Area Type: All other areas
Jurisd: ODOT
Year : 2005
N/S St: Loveland Madeira

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	1	1	0
LGConfig	L	TR		L	TR			LT	R	L	TR	
Volume	368	236	15	32	175	73	2	457	112	61	217	143
Lane Width	12.0	12.0		12.0	12.0			12.0	12.0	12.0	12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
WB Left	A				SB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	59.0				49.0			
Yellow	4.0				4.0			
All Red	2.0				2.0			

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	495	1007	0.83	0.49	37.2	D		
TR	908	1846	0.31	0.49	18.5	B	29.6	C
Westbound								
L	491	999	0.07	0.49	16.1	B		
TR	875	1780	0.31	0.49	18.5	B	18.3	B
Northbound								
LT	760	1861	0.67	0.41	31.2	C	29.6	C
R	646	1583	0.19	0.41	22.9	C		
Southbound								
L	199	487	0.34	0.41	25.4	C		
TR	715	1752	0.56	0.41	28.2	C	27.8	C

Intersection Delay = 27.5 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.4

Analyst: eta
Agency: ODOT
Date: 5/19/2009
Period: PM SR126 + NBSB RTL
Project ID: SR-126 & Loveland Madeira Analysis
E/W St: SR-126

Inter.: SR-126 & Loveland Madeira
Area Type: All other areas
Jurisd: ODOT
Year : 2005
N/S St: Loveland Madeira

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	0	1	1	1	1	1
LGConfig	L	TR		L	TR			LT	R	L	T	R
Volume	368	236	15	32	175	73	2	457	112	61	217	143
Lane Width	12.0	12.0		12.0	12.0			12.0	12.0	12.0	12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	59.0					49.0		
Yellow	4.0					4.0		
All Red	2.0					2.0		

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	495	1007	0.83	0.49	37.2	D		
TR	908	1846	0.31	0.49	18.5	B	29.6	C
Westbound								
L	491	999	0.07	0.49	16.1	B		
TR	875	1780	0.31	0.49	18.5	B	18.3	B
Northbound								
LT	760	1861	0.67	0.41	31.2	C	29.6	C
R	646	1583	0.19	0.41	22.9	C		
Southbound								
L	199	487	0.34	0.41	25.4	C		
T	761	1863	0.32	0.41	24.4	C	24.2	C
R	646	1583	0.25	0.41	23.6	C		

Intersection Delay = 26.7 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.4

Analyst: eta
Agency: ODOT
Date: 5/19/2009
Period: PM All LTL
Project ID: SR-126 & Loveland Madeira Analysis
E/W St: SR-126

Inter.: SR-126 & Loveland Madeira
Area Type: All other areas
Jurisd: ODOT
Year : 2005
N/S St: Loveland Madeira

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	1	1	0	1	1	0
LGConfig	L	TR		L	TR		L	TR		L	TR	
Volume	368	236	15	32	175	73	2	457	112	61	217	143
Lane Width	12.0	12.0		12.0	12.0		12.0	12.0		12.0	12.0	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
WB Left	A				SB Left	A		
Thru	A				Thru	A		
Right	A				Right	A		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	56.0					52.0		
Yellow	4.0					4.0		
All Red	2.0					2.0		

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	462	991	0.89	0.47	47.3	D		
TR	861	1846	0.32	0.47	20.3	C	36.4	D
Westbound								
L	459	983	0.08	0.47	17.8	B		
TR	831	1780	0.33	0.47	20.4	C	20.1	C
Northbound								
L	315	727	0.01	0.43	19.3	B		
TR	783	1808	0.81	0.43	35.9	D	35.9	D
Southbound								
L	140	323	0.49	0.43	27.0	C		
TR	759	1752	0.53	0.43	25.7	C	25.9	C

Intersection Delay = 31.5 (sec/veh) Intersection LOS = C

HCS+: Signalized Intersections Release 5.4

Analyst: eta
Agency: ODOT
Date: 5/19/2009
Period: PM HCEO Project
Project ID: SR-126 & Loveland Madeira Analysis
E/W St: SR-126

Inter.: SR-126 & Loveland Madeira
Area Type: All other areas
Jurisd: ODOT
Year : 2005
N/S St: Loveland Madeira

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	1	1	0	1	1	0	1	1	1
LGConfig	L	TR		L	TR		L	TR		L	T	R
Volume	368	236	15	32	175	73	2	457	112	61	217	143
Lane Width	12.0	12.0		12.0	12.0		12.0	12.0		12.0	12.0	12.0
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	A				NB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
WB Left	A				SB Left A			
Thru	A				Thru A			
Right	A				Right A			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	56.0				52.0			
Yellow	4.0				4.0			
All Red	2.0				2.0			

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c	Ratios g/C	Lane Group Delay	Lane Group LOS	Approach Delay	Approach LOS
Eastbound								
L	462	991	0.89	0.47	47.3	D		
TR	861	1846	0.32	0.47	20.3	C	36.4	D
Westbound								
L	459	983	0.08	0.47	17.8	B		
TR	831	1780	0.33	0.47	20.4	C	20.1	C
Northbound								
L	449	1036	0.00	0.43	19.3	B		
TR	783	1808	0.81	0.43	35.9	D	35.9	D
Southbound								
L	140	323	0.49	0.43	27.0	C		
T	807	1863	0.30	0.43	22.3	C	22.8	C
R	686	1583	0.23	0.43	21.6	C		

Intersection Delay = 30.8 (sec/veh) Intersection LOS = C

Report No: WSC782 8:56:06
Requested By: DMLONG
Workstation: QPADEV0004

Work Order Cost Summary
Selected Viewing Sequence: Company

Company: 02

WR/WO No:	Short Problem Descr:	Cost Categories LABOR	PART/SAL	EQUIPMNT
M0801539-00	ROADSIDE/BERMING	118.96	.00	181.00
M0801541-00	ROADSIDE/BERMING	101.46	.00	98.00
M0802093-00	MISCELLANEOUS	18.69	.00	22.00
M0805019-00	MISCELLANEOUS	91.08	.00	51.00
M0805409-00	MISCELLANEOUS	19.06	.00	19.00
M0901818-00	ROADSIDE/BERMING	829.68	.00	1,348.00
M0901819-00	ROADSIDE/BERMING	963.36	.00	1,348.00
M0901827-00	ROADSIDE/BERMING	925.92	173.68	968.00
M0901868-00	ROADSIDE/BERMING	746.32	.00	928.00
M0901869-00	PAVEMENT (REPAIR CODES P01-P07)	750.16	161.94	401.00
10 Work Orders	Subtotals:	4,564.69	335.62	5,364.00
10 Work Orders	Report Totals:	4,564.69	335.62	5,364.00

Foreman Reports on Landslide
Loveland - Materia

From: 4/17/09 - BACK TO 3/19/08

ANY Questions call:
KIRK MUSIC
cell - 477-8496

Co:	Work Order:	Short Problem Description:	Needed: / Due:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Issued: / Closed:	Est Downtime: / Act Downtime:	Perform Time: / Perform Seq:	Priority: / Status:	Planner: / Supervisor:	Requested By: / Work Type:	Repair Code: / Shutdown:	Crew: / Shop Ordr:
02	MD901818-00	B00 ROADSIDE/BERMING	4/13/09	4/13/09	4/13/09	0/00/00	.00	.00	20		DML	B04	
			0/00/00	4/13/09	4/13/09	0/00/00	.00		30	KEM			

Machine ID: 3.299.B LOVELAND MADERIA SECT B SR 126 #12546/PVMT #20595 | Machine Loc: 2 R.299 LOVELAND MADERIA ROAD | Permit No:
Alt Machine: | Lead Person: J6202 JURICH, WAYNE | Reference ID:
Component: | Department: EASTERN EASTERN MAINT. DIV. | Approvals:
Exchange ID: | Sign Off:
Replacement: | Approval Route:
Approval Status:

---------- Total WO Cost Distribution ----------

Cost Center: SYMM SYMM | Project ID:
Cost Code: | Project Phase:
Cost Type: | Dispatch ID:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD | Customer ID:
Contract ID:

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:
G/L Number:	500	653	910	849	700	
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	829.68	.00	1348.00	.00	.00	2177.68
Difference:	829.68-	.00	1348.00-	.00	.00	2177.68-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

Total Estimated Hours: .00
Total Actual Hours: 40.00

---------- WO Full Problem Description ----------

Text Label: MD90181800
Description: ROADSIDE/BERMING
Sequence: 1

removed excess hillside slip materia just south of
morgans trace

---------- WO Task Details ----------

Task:	Description: / Drawing ID:	Cmpnt: / Exchange:	NRS:	Pln: / Sup:	Pri: / Sts:	RC: / WT:	SC: / DC:	Lead Person: / Sign Off:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Date Due: / Contract?:	Perform Time: / Perform Seq:	Est Downtime: / Act Downtime:	Craft:	Men:	Est Hrs:	Act Hrs:	Seq:
802	ROADSIDE/BERMING				A	B04		J6202	4/13/09	0/00/00	0/00/00	.00	.00	HMFOR		.00	8.00	2
				KEM	30				4/13/09	4/13/09	N		.00	EQOP3		.00	8.00	4
														HMWOR		.00	24.00	6

---------- Part Requirements ----------

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	S345	EQUIPMENT	N	S	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	16.00000	128.00
	2004 UTILITY TRUCK															
802	S444	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	50.00000	400.00
	444/INTL./2002															

Work Order
M0901818-00 ** Continued from Previous Page **

---------- Part Requirements ----------

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	S389	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	50.00000	400.00
	389/INT DUMP HEUL DT466E 1999					TANDEM PLOW SPREADER										
802	S426	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	35.00000	280.00
	426/INIT/2004															
802	S287	EQUIPMENT	N	S	3	2/ROAD-E	HR	.000	.000	4.000	.000	4.000	.00000	.00	35.00000	140.00
	BOB CAT EXCAVATOR					2007/WITH RUBBER TRACKS										
													Total:	.00		1348.00

---------- Outside Resources ----------

Task:	Part ID:	Control ID:	NURM:	Ty:	CC:	Location:	SUOM:	Planned:	Vendor ID:	PO Number:	Rel:	Line:	Invoice No:	Invoice Amt:	Est Unit Cost:	Tot Est Cst:	Act Unit Cst:	Tot Act Cst:

** No outside resources found for Work Order M0901818-00 **

---------- Part Purchases ----------

Task:	Seq:	Part ID:	Control ID:	NURM:	Type:	CC:	PO Date:	Vendor ID:	PO Number:	Rel:	Line:	PUOM:	Ordered:	Ship Date:	Received:	Invoice No:	Invoice Amount:

** No part purchases found for Work Order M0901818-00 **

---------- WO Labor Distribution ----------

Task:	Employee ID:	Name:	Craft:	Date:	Hours:	D/C:	Rate:	C/Col:	Cost Center:	G/L Number:	Cost Code:	Cost Type:	Delay:	Work Type:
802	J9130	JOHNSTON, MIKE	EQOP3	4/13/09	8.00	D	A	1	SYMM	500				
802	J6202	JURICH, WAYNE	HMEOR	4/13/09	8.00	D	A	1	SYMM	500				
802	B3362	WILLIAMSON, TERRY	HMWOR	4/13/09	8.00	D	A	1	SYMM	500				
802	G3710	GRIMES KIRK MARK	HMWOR	4/13/09	8.00	D	A	1	SYMM	500				
802	P4361	PURSINGER, DOUG	HMWOR	4/13/09	8.00	D	A	1	SYMM	500				
			Total:		40.00									

---------- Repair Comments ----------

Task: 802 ROADSIDE/BERMING
Repair Code: B04 BERM-EXCAVATING SLOPE
morgans trace

Task: 802 ROADSIDE/BERMING
Repair Code: B04 BERM-EXCAVATING SLOPE

---------- Task Cost Distribution ----------

MD901818-00 ** Continued from Previous Page **

---------- Task Cost Distribution ----------

Task: 802 ROADSIDE/BERMING
Labor Cost Column: 1
Cost Center: SYMM SYMM
Cost Code:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:		
G/L Number:	500	653	910	849	700			
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours:	.00
Actual:	829.68	.00	1348.00	.00	.00	2177.68	Total Actual Hours:	40.00
Difference:	829.68-		1348.00-			2177.68-		
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %		

---------- Subtotals for 02 ----------

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	829.68	.00	1348.00	.00	.00	2177.68
Difference:	829.68-	.00	1348.00-	.00	.00	2177.68-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

*---------- Totals For Report

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	829.68	.00	1348.00	.00	.00	2177.68
Difference:	829.68-	.00	1348.00-	.00	.00	2177.68-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

Co:	Work Order:	Short Problem Description:	Needed: / Due:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Issued: / Closed:	Est Downtime: / Act Downtime:	Perform Time: / Perform Seq:	Priority: / Status:	Planner: / Supervisor:	Requested By: / Work Type:	Repair Code: / Shutdown:	Crew: / Shop Ordr:
02	MD901819-00	B00 ROADSIDE/BERMING	4/14/09	4/14/09	4/14/09	0/00/00	.00	.00	Z0		DML	B04	
			0/00/00	4/14/09	4/14/09	0/00/00	.00		30	KEM			

Machine ID: 3.299.B LOVELAND MADERIA SECT B SR 126 #12546/PVMT #20595
Alt Machine:
Component:
Exchange ID:
Replacement:

Machine Loc: 2 R.299 LOVELAND MADERIA ROAD
Lead Person: J6202 JURICH, WAYNE
Department: EASTERN EASTERN MAINT. DIV.

Permit No:
Reference ID:
Approvals:
Sign Off:
Approval Route:
Approval Status:

---------- Total WO Cost Distribution ----------

Cost Center: SYMM SYMM
Cost Code:
Cost Type:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD

Project ID:
Project Phase:
Dispatch ID:
Customer ID:
Contract ID:

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:
G/L Number:	500	653	910	849	700	
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	963.36	.00	1348.00	.00	.00	2311.36
Difference:	963.36-	.00	1348.00-	.00	.00	2311.36-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

Total Estimated Hours: .00
Total Actual Hours: 48.00

---------- WO Full Problem Description ----------

Text Label: MD90181900
Description: ROADSIDE/BERMING
Sequence: 1

removed slipped material just south of
morgans trace excaved for below grade installation
jersey barrers

---------- WO Task Details ----------

Task:	Description: / Drawing ID:	Cmpnt: / Exchange:	NRS: / Sup:	Pln: / Sts:	Pri: / WT:	RC: / DC:	SC:	Lead Person: / Sign Off:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Date Due: / Contract?:	Perform Time: / Perform Seq:	Est Downtime: / Act Downtime:	Craft:	Men:	Est Hrs:	Act Hrs:	Seq:
802	ROADSIDE/BERMING			A	B04			J6202	4/14/09	0/00/00	0/00/00	.00	.00	HMFOR		.00	8.00	2
			KEM	30					4/14/09	4/14/09	N		.00	EQOP3		.00	8.00	4
														HMWOR		.00	32.00	6

---------- Part Requirements ----------

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	S345	EQUIPMENT	N	S	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	16.00000	128.00
	2004 UTILITY TRUCK															

Work Order
M0901819-00 ** Continued from Previous Page **

---------- Part Requirements ----------

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	$444	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	50.00000	400.00
	444/INTL./2002															
802	$287	EQUIPMENT	N	S	3	2/ROAD-E	HR	.000	.000	4.000	.000	4.000	.00000	.00	35.00000	140.00
	BOB CAT EXCAVATOR					2007/WITH RUBBER TRACKS										
802	$389	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	50.00000	400.00
	389/INT DUMP HEUL DT466E 1999					TANDEM FLOW SPREADER										
802	$399	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	35.00000	280.00
	399/CHEV/DUMP/1996					W/PLOW/SPREADER										
												Total:		.00		1348.00

---------- Outside Resources ----------

Task:	Part ID:	Control ID:	NURM:	Ty:	CC:	Location:	SUOM:	Planned:	Vendor ID:	PO Number:	Rel:	Line:	Invoice No:	Invoice Amt:	Est Unit Cost:	Tot Est Cst:	Act Unit Cst:	Tot Act Cst:

** No outside resources found for Work Order M0901819-00 **

---------- Part Purchases ----------

Task:	Seq:	Part ID:	Control ID:	NURM:	Type:	CC:	PO Date:	Vendor ID:	PO Number:	Rel:	Line:	PUOM:	Ordered:	Ship Date:	Received:	Invoice No:	Invoice Amount:

** No part purchases found for Work Order M0901819-00 **

---------- WO Labor Distribution ----------

Task:	Employee ID:	Name:	Craft:	Date:	Hours:	D/C:	Rate:	C/Col:	Cost Center:	G/L Number:	Cost Code:	Cost Type:	Delay:	Work Type:
802	J9130	JOHNSTON, MIKE	EQOP3	4/14/09	8.00	D	A	1	SYMM	500				
802	J6202	JURICH, WAYNE	HMFOR	4/14/09	8.00	D	A	1	SYMM	500				
802	F5565	FRENCH, ROB	HMWOR	4/14/09	8.00	D	A	1	SYMM	500				
802	G3710	GRIMES KIRK MARK	HMWOR	4/14/09	8.00	D	A	1	SYMM	500				
802	H1054	HUDSON, ERIC	HMWOR	4/14/09	8.00	D	A	1	SYMM	500				
802	R1976	RONAN, PAT	HMWOR	4/14/09	8.00	D	A	1	SYMM	500				
			Total:		48.00									

---------- Repair Comments ----------

Task: 802 ROADSIDE/BERMING
Repair Code: B04 BERM-EXCAVATING SLOPE
jersey barrers

Task: 802 ROADSIDE/BERMING
Repair Code: B04 BERM-EXCAVATING SLOPE

---------- Task Cost Distribution ----------

Work Order
M0901819-00 ** Continued from Previous Page **

---------- Task Cost Distribution ----------

Task: 802 ROADSIDE/BERMING
Labor Cost Column: 1
Cost Center: SYM1 SYM1
Cost Code:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:		
G/L Number:	500	653	910	849	700			
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours:	.00
Actual:	963.36	.00	1348.00	.00	.00	2311.36	Total Actual Hours:	48.00
Difference:	963.36-		1348.00-			2311.36-		
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %		

---------- Subtotals for 02 ----------

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	963.36	.00	1348.00	.00	.00	2311.36
Difference:	963.36-	.00	1348.00-	.00	.00	2311.36-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

*---------- Totals For Report

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	963.36	.00	1348.00	.00	.00	2311.36
Difference:	963.36-	.00	1348.00-	.00	.00	2311.36-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

Co:	Work Order:	Short Problem Description:	Needed: / Due:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Issued: / Closed:	Est Downtime: / Act Downtime:	Perform Time: / Perform Seq:	Priority: / Status:	Planner: / Supervisor:	Requested By: / Work Type:	Repair Code: / Shutdown:	Crew: / Shop Ordr:
02	M0801539-00	B00 ROADSIDE/BERMING	3/19/08	3/19/08	3/19/08	0/00/00	.00	.00	Z0		DML	B01	
			0/00/00	3/19/08	3/19/08	0/00/00	.00		30	KEM	M00		

Machine ID: 3.299.B LOVELAND MADERIA SECT B SR 126 #12546/PVMT #20595 | Machine Loc: 2 R.299 LOVELAND MADERIA ROAD | Permit No:
Alt Machine: | Lead Person: J6202 JURICH, WAYNE | Reference ID:
Component: | Department: EASTERN EASTERN MAINT. DIV. | Approvals:
Exchange ID: | Sign Off:
Replacement: | Approval Route:
Approval Status:

---------- Total WO Cost Distribution ----------

Cost Center: SYMM SYMM | Project ID:
Cost Code: | Project Phase:
Cost Type: | Dispatch ID:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD | Customer ID:
Contract ID:

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:	
G/L Number:	500	653	910	849	700		
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours: .00
Actual:	118.96	.00	181.00	.00	.00	299.96	Total Actual Hours: 6.00
Difference:	118.96-	.00	181.00-	.00	.00	299.96-	
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	

---------- WO Full Problem Description ----------

Text Label: M080153900
Description: ROADSIDE/BERMING
Sequence: 1
CLEANING MUD FROM LAND SLIDE JUST SOUTH OF MORGANS TRACE
ALSO AT REMINGTON

---------- WO Task Details ----------

Task:	Description: / Drawing ID:	Cmpnt: / Exchange:	NRS: / Sup:	Pln: / Sts:	Pri: / WT:	RC: / DC:	SC: / Sign Off:	Lead Person:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Date Due: / Contract?:	Perform Time: / Perform Seq:	Est Downtime: / Act Downtime:	Craft:	Men:	Est Hrs:	Act Hrs:	Seq:
802	ROADSIDE/BERMING			A	B01		J6202		3/19/08	0/00/00	0/00/00	.00	.00	HMEOR		.00	2.00	2
			KEM	30					3/19/08	3/19/08	N		.00	HMWOR		.00	4.00	4

---------- Part Requirements ----------

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	5345	EQUIPMENT	N	S	3	2/ROAD-E	HR	.000	.000	2.000	.000	2.000	.00000	.00	16.00000	32.00
	2004 UTILITY TRUCK															
802	$175	EQUIPMENT	N	S	3	2/ROAD-E	HR	.000	.000	2.000	.000	2.000	.00000	.00	39.50000	79.00
	175/LOADER/2004															

Work Order
M0801539-00 ** Continued from Previous Page **

---------- Part Requirements ----------

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	S448	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	2.000	.000	2.000	.00000	.00	35.00000	70.00
	448/INTERNATION/1990															
												Total:		.00		181.00

---------- Outside Resources ----------

Task:	Part ID:	Control ID:	NURM:	Ty:	CC:	Location:	SUOM:	Planned:	Vendor ID:	PO Number:	Rel:	Line:	Invoice No:	Invoice Amt:	Est Unit Cost:	Tot Est Cst:	Act Unit Cst:	Tot Act Cst:

** No outside resources found for Work Order M0801539-00 **

---------- Part Purchases ----------

Task:	Seq:	Part ID:	Control ID:	NURM:	Type:	CC:	PO Date:	Vendor ID:	PO Number:	Rel:	Line:	PUOM:	Ordered:	Ship Date:	Received:	Invoice No:	Invoice Amount:

** No part purchases found for Work Order M0801539-00 **

---------- WO Labor Distribution ----------

Task:	Employee ID:	Name:	Craft:	Date:	Hours:	D/C:	Rate:	C/Col:	Cost Center:	G/L Number:	Cost Code:	Cost Type:	Delay:	Work Type:
802	J6202	JURICH, WAYNE	HMFOR	3/19/08	2.00	D	A	1	SYMM	500				
802	G3710	GRIMES KIRK MARK	HMWOR	3/19/08	2.00	D	A	1	SYMM	500				
802	P4361	PURSINGER, DOUG	HMWOR	3/19/08	2.00	D	A	1	SYMM	500				
				Total:	6.00									

---------- Repair Comments ----------

Task: 802 ROADSIDE/BERMING
Repair Code: B01 ROADSIDE-OTHER
ALSO AT REMINGTON

Task: 802 ROADSIDE/BERMING
Repair Code: B01 ROADSIDE-OTHER

---------- Task Cost Distribution ----------

Task: 802 ROADSIDE/BERMING
Labor Cost Column: 1
Cost Center: SYMM SYMM
Cost Code:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:		
G/L Number:	500	653	910	849	700			
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours:	.00
Actual:	118.96	.00	181.00	.00	.00	299.96	Total Actual Hours:	6.00
Difference:	118.96-		181.00-			299.96-		
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %		

---------- Subtotals for 02 ----------

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	118.96	.00	181.00	.00	.00	299.96
Difference:	118.96-	.00	181.00-	.00	.00	299.96-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

*---------- Totals For Report

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	118.96	.00	181.00	.00	.00	299.96
Difference:	118.96-	.00	181.00-	.00	.00	299.96-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

Co:	Work Order:	Short Problem Description:	Needed: / Due:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Issued: / Closed:	Est Downtime: / Act Downtime:	Perform Time: / Perform Seq:	Priority: / Status:	Planner: / Supervisor:	Requested By: / Work Type:	Repair Code: / Shutdown:	Crew: / Shop Ordr:
02	M0801541-00	B00 ROADSIDE/BERMING	3/19/08	3/19/08	3/19/08	0/00/00	.00	.00	Z0		EML	B01	
			0/00/00	3/19/08	3/19/08	0/00/00	.00		30	KEM	M00		

Machine ID: 3.299.B LOVELAND MADERIA SECT B SR 126 #12546/PVMT #20595 — Machine Loc: 2 R.299 LOVELAND MADERIA ROAD — Permit No:
Alt Machine: — Lead Person: R9826 RICHARDS, KIRBY — Reference ID:
Component: — Department: EASTERN EASTERN MAINT. DIV. — Approvals:
Exchange ID: — Sign Off:
Replacement: — Approval Route:
Approval Status:

Total WO Cost Distribution

Cost Center: SYM SYM — Project ID:
Cost Code: — Project Phase:
Cost Type: — Dispatch ID:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD — Customer ID:
Contract ID:

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:	
G/L Number:	500	653	910	849	700		
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours: .00
Actual:	101.46	.00	98.00	.00	.00	199.46	Total Actual Hours: 6.00
Difference:	101.46-	.00	98.00-	.00	.00	199.46-	
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	

WO Full Problem Description

Text Label: M0801541OO
Description: ROADSIDE/BERMING
Sequence: 1
CLEANING MUD FROM SLIDE

WO Task Details

Task:	Description: / Drawing ID:	Cmpnt: / Exchange:	NRS:	Pln: / Sup:	Pri: / Sts:	RC: / WT:	SC: / DC:	Lead Person: / Sign Off:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Date Due: / Contract?:	Perform Time: / Perform Seq:	Est Downtime: / Act Downtime:	Craft:	Men:	Est Hrs:	Act Hrs:	Seq:
802	ROADSIDE/BERMING				A	B01		R9826	3/19/08	0/00/00	0/00/00	.00	.00	HMCRE		.00	2.00	2
				KEM	30				3/19/08	3/19/08	N		.00	HMWOR		.00	4.00	4

Part Requirements

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	$374	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	2.000	.000	2.000	.00000	.00	14.00000	28.00
	374/FORD/CREWCAB															
802	$399	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	2.000	.000	2.000	.00000	.00	35.00000	70.00
	399/CHEV/DUMP/1996					W/PLOW/SPREADER										
												Total:		.00		98.00

Work Order
M0801541-00 ** Continued from Previous Page **

---------- Outside Resources ----------

Task:Part ID: Control ID:NURM:Ty:CC: Location: SUOM: Planned: Vendor ID: PO Number:Rel:Line:Invoice No: Invoice Amt: Est Unit Cost: Tot Est Cst: Act Unit Cst: Tot Act Cst:

** No outside resources found for Work Order M0801541-00 **

---------- Part Purchases ----------

Task: Seq: Part ID: Control ID: NURM: Type: CC: PO Date: Vendor ID: PO Number: Rel: Line: PUOM: Ordered: Ship Date: Received: Invoice No: Invoice Amount:

** No part purchases found for Work Order M0801541-00 **

---------- WO Labor Distribution ----------

Task:	Employee ID:	Name:	Craft:	Date:	Hours:	D/C:	Rate:	C/Col:	Cost Center:	G/L Number:	Cost Code:	Cost Type:	Delay:	Work Type:
802	R9826	RICHARDS, KIRBY	HMCRE	3/19/08	2.00	D	A	1	SYMM	500				
802	F8206	FARMER KRIS	HMWOR	3/19/08	2.00	D	A	1	SYMM	500				
802	P6742	PANGBURN ALAN	HMWOR	3/19/08	2.00	D	A	1	SYMM	500				
			Total:		6.00									

---------- Repair Comments ----------

Task: 802 ROADSIDE/BERMING
Repair Code: B01 ROADSIDE-OTHER
CLEANING MUD FROM SLIDE

Task: 802 ROADSIDE/BERMING
Repair Code: B01 ROADSIDE-OTHER

---------- Task Cost Distribution ----------

Task: 802 ROADSIDE/BERMING
Labor Cost Column: 1
Cost Center: SYMM SYMM
Cost Code:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:		
G/L Number:	500	653	910	849	700			
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours:	.00
Actual:	101.46	.00	98.00	.00	.00	199.46	Total Actual Hours:	6.00
Difference:	101.46-		98.00-			199.46-		
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %		

---------- Subtotals for 02 ----------

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	101.46	.00	98.00	.00	.00	199.46
Difference:	101.46-	.00	98.00-	.00	.00	199.46-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

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	*---------- Totals For Report					
Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	101.46	.00	98.00	.00	.00	199.46
Difference:	101.46-	.00	98.00-	.00	.00	199.46-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

Co: Work Order:	Short Problem Description:	Needed: / Due:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Issued: / Closed:	Est Downtime: / Act Downtime:	Perform Time: / Perform Seq:	Priority: / Status:	Planner: / Supervisor:	Requested By:	Repair Code: / Work Type:	Crew: / Shutdown:	Shop Ordr:
02 M0805409-00	M00 MISCELLANEOUS	10/08/08	10/08/08	10/08/08	0/00/00	.00	.00	Z0			DML	M01	
		0/00/00	10/08/08	10/08/08	0/00/00	.00		30	KEM				

Machine ID: 3.299.B LOVELAND MADERIA SECT B SR 126 #12546/FVMT #20595
Alt Machine:
Component:
Exchange ID:
Replacement:

Machine Loc: 2 R.299 LOVELAND MADERIA ROAD
Lead Person: W5937 WAHOFF, WILLIAM
Department: EASTERN EASTERN MAINT. DIV.

Permit No:
Reference ID:
Approvals:
Sign Off:
Approval Route:
Approval Status:

---------- Total WO Cost Distribution ----------

Cost Center: SYMM SYMM
Cost Code:
Cost Type:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD

Project ID:
Project Phase:
Dispatch ID:
Customer ID:
Contract ID:

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:	
G/L Number:	500	653	910	849	700		
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours: .00
Actual:	19.06	.00	19.00	.00	.00	38.06	Total Actual Hours: 1.00
Difference:	19.06-	.00	19.00-	.00	.00	38.06-	
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	

---------- WO Full Problem Description ----------

Text Label: M0805409OO
Description: MISCELLANEOUS
Sequence: 1
PICKING UP BARREL

---------- WO Task Details ----------

Task:	Description: / Drawing ID:	Cmpnt: / Exchange:	NRS: / Sup:	Pln: / Sts:	Pri: / WT:	RC: / DC:	SC: / Sign Off:	Lead Person:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Date Due: / Contract?:	Perform Time: / Perform Seq:	Est Downtime: / Act Downtime:	Craft:	Men:	Est Hrs:	Act Hrs:	Seq:
802	MISCELLANEOUS			A	M01		W5937		10/08/08	0/00/00	0/00/00	.00	.00	HLWOR		.00	1.00	2
			KEM	30					10/08/08	10/08/08	N		.00					

---------- Part Requirements ----------

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	S454	EQUIPMENT	N	S	3	2/ROAD-E	HR	.000	.000	1.000	.000	1.000	.00000	.00	19.00000	19.00
	454/1994															
												Total:		.00		19.00

---------- Outside Resources ----------

Task:Part ID: Control ID:NURM:Ty:CC: Location: SUOM: Planned: Vendor ID: PO Number:Rel:Line:Invoice No: Invoice Amt: Est Unit Cost: Tot Est Cst: Act Unit Cst: Tot Act Cst:

** No outside resources found for Work Order M0805409-00 **

Work Order
M0805409-00 ** Continued from Previous Page **

---------- Part Purchases ----------

Task: Seq: Part ID: Control ID: NURM: Type: CC: PO Date: Vendor ID: PO Number: Rel: Line: PUOM: Ordered: Ship Date: Received: Invoice No: Invoice Amount:

** No part purchases found for Work Order M0805409-00 **

---------- WO Labor Distribution ----------

Task:	Employee ID:	Name:	Craft:	Date:	Hours:	D/C:	Rate:	C/Col:	Cost Center:	G/L Number:	Cost Code:	Cost Type:	Delay:	Work Type:
802	W5937	WAHOFF, WILLIAM	HMWOR	10/08/08	1.00	D	A	1	SYMM	500				
			Total:		1.00									

---------- Repair Comments ----------

Task: 802 MISCELLANEOUS
Repair Code: M01 MISCELLANEOUS
PICKING UP BARREL

Task: 802 MISCELLANEOUS
Repair Code: M01 MISCELLANEOUS

---------- Task Cost Distribution ----------

Task: 802 MISCELLANEOUS
Labor Cost Column: 1
Cost Center: SYMM SYMM
Cost Code:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:	
G/L Number:	500	653	910	849	700		
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours: .00
Actual:	19.06	.00	19.00	.00	.00	38.06	Total Actual Hours: 1.00
Difference:	19.06-		19.00-			38.06-	
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	

---------- Subtotals for 02 ----------

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	19.06	.00	19.00	.00	.00	38.06
Difference:	19.06-	.00	19.00-	.00	.00	38.06-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

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*---------- Totals For Report

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	19.06	.00	19.00	.00	.00	38.06
Difference:	19.06-	.00	19.00-	.00	.00	38.06-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

Co:	Work Order:	Short Problem Description:	Needed: / Due:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Issued: / Closed:	Est Downtime: / Act Downtime:	Perform Time: / Perform Seq:	Priority: / Status:	Planner: / Supervisor:	Requested By: / Work Type:	Repair Code: / Shutdown:	Crew: / Shop Ordr:
02	M0901827-00	B00 ROADSIDE/BERMING	4/15/09	4/15/09	4/15/09	0/00/00	.00	.00	Z0		DML	B04	
			0/00/00	4/15/09	4/15/09	0/00/00	.00		30	KEM			

Machine ID: 3.299.B LOVELAND MADERIA SECT B SR 126 #12546/PVMT #20595 | Machine Loc: 2 R.299 LOVELAND MADERIA ROAD | Permit No:
Alt Machine: | Lead Person: J6202 JURICH, WAYNE | Reference ID:
Component: | Department: EASTERN EASTERN MAINT. DIV. | Approvals:
Exchange ID: | Sign Off:
Replacement: | Approval Route:
Approval Status:

---------- Total WO Cost Distribution ----------

Cost Center: SYMM SYMM | Project ID:
Cost Code: | Project Phase:
Cost Type: | Dispatch ID:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD | Customer ID:
Contract ID:

Cost Category:	LABOR	PART/SAL	EQUIPMT	FUEL/GRT	MSC/CALC	Total Costs:
G/L Number:	500	653	910	849	700	
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	925.92	173.68	968.00	.00	.00	2067.60
Difference:	925.92-	173.68-	968.00-	.00	.00	2067.60-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

Total Estimated Hours: .00
Total Actual Hours: 48.00

---------- WO Full Problem Description ----------

Text Label: M090182700
Description: ROADSIDE/BERMING
Sequence: 1

LAID 5 12' JERSEY BARRIES AT SLIP AREA JUST SOUTH OF MORGANS
TRACE WEST SIDE PLACE 6" SLEEVED FRENCH DRAIN IN BED OF 1"
WASH GRAVEL BEHIDE WALL

---------- WO Task Details ----------

Task:	Description: / Drawing ID:	Cmpnt: NRS: / Exchange:	Pln: Sup:	Pri: Sts:	RC: WT:	SC: DC:	Lead Person: / Sign Off:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Date Due: / Contract?:	Perform Time: / Perform Seq:	Est Downtime: / Act Downtime:	Craft:	Men:	Est Hrs:	Act Hrs:	Seq:
802	ROADSIDE/BERMING			A	B04		J6202	4/15/09	0/00/00	0/00/00	.00	.00	HMFOR		.00	8.00	2
			KEM	30				4/15/09	4/15/09	N		.00	EQOP3		.00	8.00	4
													HMWOR		.00	32.00	6

---------- Part Requirements ----------

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	S345	EQUIPMENT	N	S	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	16.00000	128.00
	2004 UTILITY TRUCK															

Work Order
M0901827-00 ** Continued from Previous Page **

---------- Part Requirements ----------

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	$425	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	35.00000	280.00
	425/INTL. 4900 1998															
802	$467	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	35.00000	280.00
	467/INTERNATIONAL/1996															
802	$434	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	35.00000	280.00
	434/INTERNATION/2002															
802	52GRAVEL/1-1/2WASH	5206	N	S	2	2/ROAD-E	TON	.000	.000	18.200	.000	18.200	.00000	.00	7.90000	143.78
	GRAVEL/1-1/2" WASHED GRAVEL (#4)															
802	21PIPE/PVC/6"	2125	N	S	2	2/ROAD-E	FT	.000	.000	65.000	.000	65.000	.00000	.00	.46000	29.90
	PIPE/PVC/6"/THINWALL OR THICK/10 & 20 FT SECTIONS															
												Total:		.00		1141.68

---------- Outside Resources ----------

Task:	Part ID:	Control ID:	NURM:	Ty:	CC:	Location:	SUOM:	Planned:	Vendor ID:	PO Number:	Rel:	Line:	Invoice No:	Invoice Amt:	Est Unit Cost:	Tot Est Cst:	Act Unit Cst:	Tot Act Cst:
** No outside resources found for Work Order M0901827-00 **																		

---------- Part Purchases ----------

Task:	Seq:	Part ID:	Control ID:	NURM:	Type:	CC:	PO Date:	Vendor ID:	PO Number:	Rel:	Line:	PUOM:	Ordered:	Ship Date:	Received:	Invoice No:	Invoice Amount:
** No part purchases found for Work Order M0901827-00 **																	

---------- WO Labor Distribution ----------

Task:	Employee ID:	Name:	Craft:	Date:	Hours:	D/C:	Rate:	C/Col:	Cost Center:	G/L Number:	Cost Code:	Cost Type:	Delay:	Work Type:
802	J9130	JOHNSTON, MIKE	EQOP3	4/15/09	8.00	D	A	1	SYMM	500				
802	J6202	JURICH, WAYNE	HMFOR	4/15/09	8.00	D	A	1	SYMM	500				
802	H1054	HUDSON, ERIC	HMWOR	4/15/09	8.00	D	A	1	SYMM	500				
802	P4361	PURSINGER, DOUG	HMWOR	4/15/09	8.00	D	A	1	SYMM	500				
802	P6742	PANGBURN ALAN	HMWOR	4/15/09	8.00	D	A	1	SYMM	500				
802	R1976	RONAN, PAT	HMWOR	4/15/09	8.00	D	A	1	SYMM	500				
			Total:		48.00									

---------- Repair Comments ----------

Task: 802 ROADSIDE/BERMING
Repair Code: B04 BERM-EXCAVATING SLOPE
WASH GRAVEL BEHIDE WALL

Task: 802 ROADSIDE/BERMING
Repair Code: B04 BERM-EXCAVATING SLOPE

---------- Task Cost Distribution ----------

Work Order
M0901827-00 ** Continued from Previous Page **

---------- Task Cost Distribution ----------

Task: 802 ROADSIDE/BERMING
Labor Cost Column: 1
Cost Center: SYMM SYMM
Cost Code:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:		
G/L Number:	500	653	910	849	700			
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours:	.00
Actual:	925.92	173.68	968.00	.00	.00	2067.60	Total Actual Hours:	48.00
Difference:	925.92-	173.68-	968.00-			2067.60-		
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %		

---------- Subtotals for 02 ----------

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	925.92	173.68	968.00	.00	.00	2067.60
Difference:	925.92-	173.68-	968.00-	.00	.00	2067.60-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

*---------- Totals For Report

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	925.92	173.68	968.00	.00	.00	2067.60
Difference:	925.92-	173.68-	968.00-	.00	.00	2067.60-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

Co:	Work Order:	Short Problem Description:	Needed: / Due:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Issued: / Closed:	Est Downtime: / Act Downtime:	Perform Time: / Perform Seq:	Priority: / Status:	Planner: / Supervisor:	Requested By: / Work Type:	Repair Code: / Shutdown:	Crew: / Shop Ordr:
02	M0805019-00	M00 MISCELLANEOUS	9/15/08	9/15/08	9/15/08	0/00/00	.00	.00	Z0		DML	M04	
			0/00/00	9/15/08	9/15/08	0/00/00	.00		30	KEM	M00		

Machine ID: 3.299.B LOVELAND MADERIA SECT B SR 126 #12546/PVMT #20595
Alt Machine:
Component:
Exchange ID:
Replacement:
Machine Loc: 2 R.299 LOVELAND MADERIA ROAD
Lead Person: R9826 RICHARDS, KIRBY
Department: EASTERN EASTERN MAINT. DIV.
Permit No:
Reference ID:
Approvals:
Sign Off:
Approval Route:
Approval Status:

---------- Total WO Cost Distribution ----------

Cost Center: SYMM SYMM
Cost Code:
Cost Type:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD
Project ID:
Project Phase:
Dispatch ID:
Customer ID:
Contract ID:

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:
G/L Number:	500	653	910	849	700	
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	91.08	.00	51.00	.00	.00	142.08
Difference:	91.08-	.00	51.00-	.00	.00	142.08-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

Total Estimated Hours: .00
Total Actual Hours: 3.00

---------- WO Full Problem Description ----------

Text Label: M0805019OO
Description: MISCELLANEOUS
Sequence: 1

OVERTIME
PLACED BARRICADES IN ROADWAY #9761, ALSO CUT TREE OFF ROAD
DUE TO STORM

---------- WO Task Details ----------

Task: / Drawing ID:	Description:	Cmpnt: / Exchange:	NRS:	Pln: / Sup:	Pri: / Sts:	RC: / WT:	SC: / DC:	Lead Person: / Sign Off:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Date Due: / Contract?:	Perform Time: / Perform Seq:	Est Downtime: / Act Downtime:	Craft:	Men:	Est Hrs:	Act Hrs:	Seq:
802	MISCELLANEOUS				SB	M04		R9826	9/15/08	0/00/00	0/00/00	.00	.00	HMCRE		.00	3.00	2
				KEM	30				9/15/08	9/15/08	N		.00					

---------- Part Requirements ----------

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	$374	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	3.000	.000	3.000	.00000	.00	14.00000	42.00
	374/FORD/CREWCAB															
802	$149	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	3.000	.000	3.000	.00000	.00	3.00000	9.00
	149 STIHL 20"															

Work Order
M0805019-00 ** Continued from Previous Page **

Total:	.00	51.00

---------- Outside Resources ----------

Task:	Part ID:	Control ID:	NURM:	Ty:	CC:	Location:	SUOM:	Planned:	Vendor ID:	PO Number:	Rel:	Line:	Invoice No:	Invoice Amt:	Est Unit Cost:	Tot Est Cst:	Act Unit Cst:	Tot Act Cst:

** No outside resources found for Work Order M0805019-00 **

---------- Part Purchases ----------

Task:	Seq:	Part ID:	Control ID:	NURM:	Type:	CC:	PO Date:	Vendor ID:	PO Number:	Rel:	Line:	PUOM:	Ordered:	Ship Date:	Received:	Invoice No:	Invoice Amount:

** No part purchases found for Work Order M0805019-00 **

---------- WO Labor Distribution ----------

Task:	Employee ID:	Name:	Craft:	Date:	Hours:	D/C:	Rate:	C/Col:	Cost Center:	G/L Number:	Cost Code:	Cost Type:	Delay:	Work Type:
802	R9826	RICHARDS, KIRBY	HMCRE	9/15/08	3.00	D	B	1	SYMM	500				
		Total:			3.00									

---------- Repair Comments ----------

Task: 802 MISCELLANEOUS
Repair Code: M04 BARRICADES-PLACING ON ROAD
DUE TO STORM

Task: 802 MISCELLANEOUS
Repair Code: M04 BARRICADES-PLACING ON ROAD

---------- Task Cost Distribution ----------

Task: 802 MISCELLANEOUS
Labor Cost Column: 1
Cost Center: SYMM SYMM
Cost Code:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:	
G/L Number:	500	653	910	849	700		
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours: .00
Actual:	91.08	.00	51.00	.00	.00	142.08	Total Actual Hours: 3.00
Difference:	91.08-		51.00-			142.08-	
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	

---------- Subtotals for 02 ----------

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	91.08	.00	51.00	.00	.00	142.08
Difference:	91.08-	.00	51.00-	.00	.00	142.08-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

*---------- Totals For Report

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	91.08	.00	51.00	.00	.00	142.08
Difference:	91.08-	.00	51.00-	.00	.00	142.08-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

Co: Work Order:	Short Problem Description:	Needed: / Due:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Issued: / Closed:	Est Downtime: / Act Downtime:	Perform Time: / Perform Seq:	Priority: / Status:	Planner: / Supervisor:	Requested By: / Work Type:	Repair Code: / Shutdown:	Crew: / Shop Ordr:
02 M0802093-00	M00 MISCELLANEOUS	4/11/08	4/11/08	4/11/08	0/00/00	.00	.00	Z0		DML	M12	
		0/00/00	4/11/08	4/11/08	0/00/00	.00		30	KEM			

Machine ID: 3.299.B LOVELAND MADERIA SECT B SR 126 #12546/PVMT #20595 | Machine Loc: 2 R.299 LOVELAND MADERIA ROAD | Permit No:
Alt Machine: | Lead Person: W5937 WAHOFF, WILLIAM | Reference ID:
Component: | Department: EASTERN EASTERN MAINT. DIV. | Approvals:
Exchange ID: | | Sign Off:
Replacement: | | Approval Route:
| | Approval Status:

Total WO Cost Distribution

Cost Center: SYM SYM | Project ID:
Cost Code: | Project Phase:
Cost Type: | Dispatch ID:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD | Customer ID:
| Contract ID:

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:	
G/L Number:	500	653	910	849	700		
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours: .00
Actual:	18.69	.00	22.00	.00	.00	40.69	Total Actual Hours: 1.00
Difference:	18.69-	.00	22.00-	.00	.00	40.69-	
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	

WO Full Problem Description

Text Label: M0802093OO
Description: MISCELLANEOUS
Sequence: 1
check slip

WO Task Details

Task:	Description: / Drawing ID:	Cmpnt: / Exchange:	NRS: / Sup:	Pln: / Sts:	Pri: / WT:	RC: / DC:	SC:	Lead Person: / Sign Off:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Date Due: / Contract?:	Perform Time: / Perform Seq:	Est Downtime: / Act Downtime:	Craft:	Men:	Est Hrs:	Act Hrs:	Seq:
802	MISCELLANEOUS			A	M12			W5937	4/11/08	0/00/00	0/00/00	.00	.00	HMWOR		.00	1.00	2
			KEM	30					4/11/08	4/11/08	N		.00					

Part Requirements

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	$328	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	1.000	.000	1.000	.00000	.00	22.00000	22.00
	328/CHEVROLET/1991															
												Total:		.00		22.00

Outside Resources

Task:	Part ID:	Control ID:	NURM:	Ty:	CC:	Location:	SUOM:	Planned:	Vendor ID:	PO Number:	Rel:	Line:	Invoice No:	Invoice Amt:	Est Unit Cost:	Tot Est Cst:	Act Unit Cst:	Tot Act Cst:

** No outside resources found for Work Order M0802093-00 **

Work Order
M0802093-00 ** Continued from Previous Page **

---------- Part Purchases ----------

Task:	Seq:	Part ID:	Control ID:	NURM:	Type:	CC:	PO Date:	Vendor ID:	PO Number:	Rel:	Line:	PUOM:	Ordered:	Ship Date:	Received:	Invoice No:	Invoice Amount:

** No part purchases found for Work Order M0802093-00 **

---------- WO Labor Distribution ----------

Task:	Employee ID:	Name:	Craft:	Date:	Hours:	D/C:	Rate:	C/Col:	Cost Center:	G/L Number:	Cost Code:	Cost Type:	Delay:	Work Type:
802	W5937	WAHOFF, WILLIAM	HMWOR	4/11/08	1.00	D	A	1	SYMM	500				
			Total:		1.00									

---------- Repair Comments ----------

Task: 802 MISCELLANEOUS
Repair Code: M12 INSPECTION-ROADS
check slip

Task: 802 MISCELLANEOUS
Repair Code: M12 INSPECTION-ROADS

---------- Task Cost Distribution ----------

Task: 802 MISCELLANEOUS
Labor Cost Column: 1
Cost Center: SYMM SYMM
Cost Code:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD

Cost Category:	LABOR	PART/SAL	EQUIPMT	FUEL/GRT	MSC/CALC	Total Costs:		
G/L Number:	500	653	910	849	700			
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours:	.00
Actual:	18.69	.00	22.00	.00	.00	40.69	Total Actual Hours:	1.00
Difference:	18.69-		22.00-			40.69-		
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %		

---------- Subtotals for 02 ----------

Cost Category:	LABOR	PART/SAL	EQUIPMT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	18.69	.00	22.00	.00	.00	40.69
Difference:	18.69-	.00	22.00-	.00	.00	40.69-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

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	*---------- Totals For Report					
Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	18.69	.00	22.00	.00	.00	40.69
Difference:	18.69-	.00	22.00-	.00	.00	40.69-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

Co:	Work Order:	Short Problem Description:	Needed: / Due:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Issued: / Closed:	Est Downtime: / Act Downtime:	Perform Time: / Perform Seq:	Priority: / Status:	Planner: / Supervisor:	Requested By: / Work Type:	Repair Code: / Shutdown:	Crew: / Shop Ordr:
02	M0901869-00	P00 PAVEMENT (REPAIR CODES P01-P07)	4/17/09	4/17/09	4/17/09	0/00/00	.00	.00	Z0		DML	P11	
			0/00/00	4/17/09	4/17/09	0/00/00	.00		30	KEM			

Machine ID: 3.299.B LOVELAND MADERIA SECT B SR 126 #12546/PVMT #20595 | Machine Loc: 2 R.299 LOVELAND MADERIA ROAD | Permit No:
Alt Machine: | Lead Person: J6202 JURICH, WAYNE | Reference ID:
Component: | Department: EASTERN EASTERN MAINT. DIV. | Approvals:
Exchange ID: | | Sign Off:
Replacement: | | Approval Route:
| | Approval Status:

Total WO Cost Distribution

Cost Center: SYMM SYMM | Project ID:
Cost Code: | Project Phase:
Cost Type: | Dispatch ID:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD | Customer ID:
| Contract ID:

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total Costs:	
G/L Number:	500	653	910	849	700		
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours: .00
Actual:	750.16	161.94	401.00	.00	.00	1313.10	Total Actual Hours: 40.00
Difference:	750.16-	161.94-	401.00-	.00	.00	1313.10-	
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	

WO Full Problem Description

Text Label: M090186900
Description: PAVEMENT (REPAIR CODES P01-P07
Sequence: 1
PLACED ASPHALT CURB IN FRONT OF JERSEY BARRIER RETAINING
WALL GRADE AND COMPACTED GRAVEL BACKFILLED

WO Task Details

Task:	Description: / Drawing ID:	Cmpnt: / Exchange:	NRS:	Pln: / Sup:	Pri: / Sts:	RC: / WT:	SC: / DC:	Lead Person: / Sign Off:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Date Due: / Contract?:	Perform Time: / Perform Seq:	Est Downtime: / Act Downtime:	Craft:	Men:	Est Hrs:	Act Hrs:	Seq:
802	PAVEMENT (REPAIR CODES P01-P07)				A	P11		J6202	4/17/09	0/00/00	0/00/00	.00	.00	HMFOR		.00	8.00	2
				KEM	30				4/17/09	4/17/09	N		.00	HMWOR		.00	32.00	4

Part Requirements

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	$345	EQUIPMENT	N	S	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	16.00000	128.00
	2004 UTILITY TRUCK															
802	$372	EQUIPMENT	N	S	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	16.00000	128.00
	2002 F450 SUPER DUTY XL					AIM 7.3 LIT W 4 SP. AUTO										

Work Order
MD901869-00 ** Continued from Previous Page **

---------- Part Requirements ----------

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	S171	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	5.000	.000	5.000	.00000	.00	15.00000	75.00
	171/CHAUSSEE/1991					MODEL #HMH-2										
802	S174	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	2.000	.000	2.000	.00000	.00	35.00000	70.00
	174/JOHN DEER/1978					MODEL #JD444										
802	46ASPHALT/404/FINE	404/FINE	N	S	2	2/ROAD-E	TON	.000	.000	1.490	.000	1.490	.00000	.00	66.00000	98.34
	ASPHALT/BLACKTOP/404/FINE MIX/FINISH COURSE					FROM BARRETT										
802	47ASPHALT/AC20	AC20	N	S	2	2/ROAD-E	LB	.000	.000	120.000	.000	120.000	.00000	.00	.53000	63.60
	ASPHALT/AC20															
												Total:		.00		562.94

---------- Outside Resources ----------

Task:	Part ID:	Control ID:	NURM:	Ty:	CC:	Location:	SUOM:	Planned:	Vendor ID:	PO Number:	Rel:	Line:	Invoice No:	Invoice Amt:	Est Unit Cost:	Tot Est Cst:	Act Unit Cst:	Tot Act Cst:

** No outside resources found for Work Order MD901869-00 **

---------- Part Purchases ----------

Task:	Seq:	Part ID:	Control ID:	NURM:	Type:	CC:	PO Date:	Vendor ID:	PO Number:	Rel:	Line:	PUOM:	Ordered:	Ship Date:	Received:	Invoice No:	Invoice Amount:

** No part purchases found for Work Order MD901869-00 **

---------- WO Labor Distribution ----------

Task:	Employee ID:	Name:	Craft:	Date:	Hours:	D/C:	Rate:	C/Col:	Cost Center:	G/L Number:	Cost Code:	Cost Type:	Delay:	Work Type:
802	J6202	JURICH, WAYNE	HMFOR	4/17/09	8.00	D	A	1	SYMM	500				
802	C6536	COUCH JODI	HMWOR	4/17/09	8.00	D	A	1	SYMM	500				
802	P4361	PURSINGER, DOUG	HMWOR	4/17/09	8.00	D	A	1	SYMM	500				
802	P6742	PANGBURN ALAN	HMWOR	4/17/09	8.00	D	A	1	SYMM	500				
802	W9480	PAM KRULL-WOODS	HMWOR	4/17/09	8.00	D	A	1	SYMM	500				
			Total:		40.00									

---------- Repair Comments ----------

Task: 802 PAVEMENT (REPAIR CODES P01-P07)
Repair Code: P11 CURB-INSTALLATION-ASPHALT
WALL GRADE AND COMPACTED GRAVEL BACKFILLED

Task: 802 PAVEMENT (REPAIR CODES P01-P07)
Repair Code: P11 CURB-INSTALLATION-ASPHALT

---------- Task Cost Distribution ----------

M0901869-00 ** Continued from Previous Page **

---------- Task Cost Distribution ----------

Task: 802 PAVEMENT (REPAIR CODES P01-P07)
Labor Cost Column: 1
Cost Center: SYMM SYMM
Cost Code:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD

Cost Category:	LABOR	PART/SAL	EQUIPMT	FUEL/GRT	MSC/CALC	Total Costs:	
G/L Number:	500	653	910	849	700		
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours: .00
Actual:	750.16	161.94	401.00	.00	.00	1313.10	Total Actual Hours: 40.00
Difference:	750.16-	161.94-	401.00-			1313.10-	
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	

---------- Subtotals for 02 ----------

Cost Category:	LABOR	PART/SAL	EQUIPMT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	750.16	161.94	401.00	.00	.00	1313.10
Difference:	750.16-	161.94-	401.00-	.00	.00	1313.10-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

*---------- Totals For Report

Cost Category:	LABOR	PART/SAL	EQUIPMT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	750.16	161.94	401.00	.00	.00	1313.10
Difference:	750.16-	161.94-	401.00-	.00	.00	1313.10-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

Co:	Work Order:	Short Problem Description:	Needed: / Due:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Issued: / Closed:	Est Downtime: / Act Downtime:	Perform Time: / Perform Seq:	Priority: / Status:	Planner: / Supervisor:	Requested By: / Work Type:	Repair Code: / Shutdown:	Crew: / Shop Ordr:
02	M0901868-00	B00 ROADSIDE/BERMING	4/16/09	4/16/09	4/16/09	0/00/00	.00	.00	ZO		DML	B04	
			0/00/00	4/16/09	4/16/09	0/00/00	.00		30	KEM			

Machine ID: 3.299.B LOVELAND MADERIA SECT B SR 126 #12546/PVMT #20595 | Machine Loc: 2 R.299 LOVELAND MADERIA ROAD | Permit No:
Alt Machine: | Lead Person: J6202 JURICH, WAYNE | Reference ID:
Component: | Department: EASTERN EASTERN MAINT. DIV. | Approvals:
Exchange ID: | | Sign Off:
Replacement: | | Approval Route:
| | Approval Status:

---------- Total WO Cost Distribution ----------

Cost Center: SYM4 SYM4 | Project ID:
Cost Code: | Project Phase:
Cost Type: | Dispatch ID:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD | Customer ID:
| Contract ID:

Cost Category:	LABOR	PART/SAL	EQUIPMT	FUEL/GRT	MSC/CALC	Total Costs:	
G/L Number:	500	653	910	849	700		
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours: .00
Actual:	746.32	.00	928.00	.00	.00	1674.32	Total Actual Hours: 40.00
Difference:	746.32-	.00	928.00-	.00	.00	1674.32-	
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %	

---------- WO Full Problem Description ----------

Text Label: M090186800
Description: ROADSIDE/BERMING
Sequence: 1
BACKFILLED JERSEY BARRIER WALL WITH STOCK GRAVEL JUST
SOUTH OF MORGANS TRACE SOUTH SIDE

---------- WO Task Details ----------

Task:	Description: / Drawing ID:	Cmpnt: / Exchange:	NRS:	Pln: / Sup:	Pri: / Sts:	RC: / WT:	SC: / DC:	Lead Person: / Sign Off:	Pln Str: / Act Str:	Pln Cmp: / Act Cmp:	Date Due: / Contract?:	Perform Time: / Perform Seq:	Est Downtime: / Act Downtime:	Craft:	Men:	Est Hrs:	Act Hrs:	Seq:
802	ROADSIDE/BERMING				A	E04		J6202	4/16/09	0/00/00	0/00/00	.00	.00	HMFOR		.00	8.00	2
				KEM	30				4/16/09	4/16/09	N		.00	HMWOR		.00	32.00	4

---------- Part Requirements ----------

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	$345	EQUIPMENT	N	S	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	16.00000	128.00
	2004 UTILITY TRUCK															
802	$434	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	35.00000	280.00
	434/INTERNATION/2002															

Work Order
M0901868-00 ** Continued from Previous Page **

---------- Part Requirements ----------

Task:	Part ID:	Control ID:	NURM:	Type:	CC:	Location:	SUOM:	Planned:	Alloc:	Issued:	Returned:	Used:	Est Unit Cost:	Total Est Cost:	Act Unit Cost:	Total Act Cost:
802	S389	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	8.000	.000	8.000	.00000	.00	50.00000	400.00
	389/INT DUMP HEUL DT466E 1999					TANDEM PLOW SPREADER										
802	S088	EQUIPMENT	N	N	3	2/ROAD-E	HR	.000	.000	4.000	.000	4.000	.00000	.00	30.00000	120.00
	088/JCB/1986					MODEL #1400B										
												Total:		.00		928.00

---------- Outside Resources ----------

Task:	Part ID:	Control ID:	NURM:	Ty:	CC:	Location:	SUOM:	Planned:	Vendor ID:	PO Number:	Rel:	Line:	Invoice No:	Invoice Amt:	Est Unit Cost:	Tot Est Cst:	Act Unit Cst:	Tot Act Cst:

** No outside resources found for Work Order M0901868-00 **

---------- Part Purchases ----------

Task:	Seq:	Part ID:	Control ID:	NURM:	Type:	CC:	PO Date:	Vendor ID:	PO Number:	Rel:	Line:	PUOM:	Ordered:	Ship Date:	Received:	Invoice No:	Invoice Amount:

** No part purchases found for Work Order M0901868-00 **

---------- WO Labor Distribution ----------

Task:	Employee ID:	Name:	Craft:	Date:	Hours:	D/C:	Rate:	C/Col:	Cost Center:	G/L Number:	Cost Code:	Cost Type:	Delay:	Work Type:
802	J6202	JURICH, WAYNE	HMFOR	4/16/09	8.00	D	A	1	SYMM	500				
802	H1054	HUDSON, ERIC	HMWOR	4/16/09	8.00	D	A	1	SYMM	500				
802	P4361	PURSINGER, DOUG	HMWOR	4/16/09	8.00	D	A	1	SYMM	500				
802	P6742	PANGBURN ALAN	HMWOR	4/16/09	8.00	D	A	1	SYMM	500				
802	R1976	RONAN, PAT	HMWOR	4/16/09	8.00	D	A	1	SYMM	500				
			Total:		40.00									

---------- Repair Comments ----------

Task: 802 ROADSIDE/BERMING
Repair Code: B04 BERM-EXCAVATING SLOPE
SOUTH OF MORGANS TRACE SOUTH SIDE

Task: 802 ROADSIDE/BERMING
Repair Code: B04 BERM-EXCAVATING SLOPE

---------- Task Cost Distribution ----------

Task: 802 ROADSIDE/BERMING
Labor Cost Column: 1
Cost Center: SYMM SYMM
Cost Code:
Cost Co/Loc: 2 R.299 LOVELAND MADERIA ROAD

Cost Category:	LABOR	PART/SAL	EQUIPMENT	FUEL/GRT	MSC/CALC	Total Costs:		
G/L Number:	500	653	910	849	700			
Original Estimate:	.00	.00	.00	.00	.00	.00	Total Estimated Hours:	.00
Actual:	746.32	.00	928.00	.00	.00	1674.32	Total Actual Hours:	40.00
Difference:	746.32-		928.00-			1674.32-		
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %		

---------- Subtotals for 02 ----------

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	746.32	.00	928.00	.00	.00	1674.32
Difference:	746.32-	.00	928.00-	.00	.00	1674.32-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %

*---------- Totals For Report

Cost Category:	LABOR	PART/SAL	EQUIPMNT	FUEL/GRT	MSC/CALC	Total:
Original Estimate:	.00	.00	.00	.00	.00	.00
Actual:	746.32	.00	928.00	.00	.00	1674.32
Difference:	746.32-	.00	928.00-	.00	.00	1674.32-
% Difference:	.00 %	.00 %	.00 %	.00 %	.00 %	.00 %